Miscellany

Grants and Awards

The National Science Foundation has announced that proposals are being accepted for the support of summer institutes in 1960 for the supplementary training of secondary-school and college science and mathematics teachers and for college teachers of engineering. Proposals are also being accepted for funds to support summer institutes next year for "staff members of technical curricula in junior colleges and technical institutes". The NSF-supported Summer Institute Program was started in 1953 with two institutes (about 50 participants each) being held that year. During the summer of 1959 approximately 2000 college and 17 000 high-school teachers will participate in NSF-supported summer institutes at a total cost of about $22 million. According to the Foundation the 1959 program will involve roughly one-eighth of the high-school science and mathematics teachers in the United States. Universities and colleges wishing to take part in the 1960 summer institute program are invited to request information and the necessary forms from the Program Director for Summer Institutes, National Science Foundation, Washington 25, D. C. The deadline for submission of proposals in final form is August 1, 1959.

Grants in aid of scientific research in the mathematical, physical, biological, or social sciences are available from the American Academy of Arts and Sciences. Special consideration will be given to "projects on new frontiers of science, those which lie between or include two or more of the classical fields, and those proposed by investigators who may be on the threshold of investigational careers or are handicapped by inadequate resources and facilities". Although the grants normally range between $500 and $1500, requests for larger amounts for "especially meritorious projects" would be considered. Applications must be filed in duplicate (not later than September 1) on forms obtainable from the Academy. All communications concerning the grants should be addressed to the Chairman, Committees on Research Funds, American Academy of Arts and Sciences, 280 Newton Street, Brookline 46, Mass.

Harvard University's Graduate School of Public Administration has received a $285 000 grant from the Rockefeller Foundation to continue its current study of the interrelations of science and public policy. The program is largely concerned with problems involving the need for the wise administration and support of scientific research and the effective use of scientific knowledge in formulating public policy. It is intended to assist those responsible for managing government and private laboratories in finding ways to promote large-scale research without limiting scientific freedom and creativity. Started about one year ago, the program will continue through the 1962–63 academic year. Beginning with the 1960 fall semester, a training phase will be added to the research phase of the program and fifteen graduate fellowships will be given for study in the field.

Publications

Volume 1, Number 1 of a new bimonthly National Science Foundation publication entitled *Science Information News* appeared last February. Its aim is "to meet the need for reporting and exchanging news of worldwide activities in science communication and documentation". Although the first issue is concerned primarily with the Foundation's own information activities, it is expected that coverage will be broadened through contributions and suggestions from persons interested in the problem of improved dissemination of scientific information. All such material should be addressed to the Editor, *Science Information News*, National Science Foundation, Washington 25, D. C. Subscriptions, available at $1.25 per year ($1.75 foreign), and single copies at 25¢ each may be obtained through the Superintendent of Documents, US Government Printing Office, Washington 25, D. C.

A memorial manual dedicated to the memory of the late L. W. Taylor, a former president and one of the founders of the American Association of Physics Teachers, will be published next month under AAPT sponsorship by the Addison-Wesley Publishing Co. Known generally as the "Taylor Laboratory Manual" while it was still a work-in-progress, the published book will formally appear under the title, *The Lloyd William Taylor Manual of Advanced Undergraduate Experiments in Physics*, and will be priced at $9.50 (not $15, as has been stated elsewhere). A noted laboratory teacher, Prof. Taylor died on August 8, 1948, from injuries suffered in a fall while climbing Mt. St. Helens, a peak in southern Washington. He had been chairman of the Physics Department at Oberlin College for twenty-four years. The Manual bearing his name has as its editor-in-chief Thomas B. Brown of George Washington University, who has been assisted by a board of editors consisting of R. H. Bacon, S. C. Brown, R. H. Howe, R. R. Palmer, L. R. Weber, R. L. Weber, and F. T. Worrell.

The American Standards Association has published its *1959 Price List and Index of American Standards*, which can be obtained upon request (ASA, Dept. PR 66, 70 East 45th Street, New York 17, N. Y.). The publication lists more than 1800 standards approved to date by the Association as well as the international standards recommendations published by the International Organization for Standardization and the International Electrotechnical Commission.

The Applied Physics Laboratory
of
The Johns Hopkins University

Announces Appointments
for
SENIOR SCIENTIFIC STAFF

The Assessment Division of The Applied Physics Laboratory has undertaken new responsibilities and is expanding its Senior Analytical Staff. Senior Scientists in such fields as Mathematics, Physics and Physical Chemistry have in the past proven very effective in solving the types of problems involved which include analyses of tactical situations, the employment of future weapon systems and the application of the most recent advances in science and technology.

Performance of the work requires close association with scientists of other laboratories, operations research personnel of all branches of the Armed Services, and with senior military and civilian personnel.

Studies undertaken by this group will provide guide lines for the hardware research of future years. Staff members are expected to initiate ideas in support of a broad program of National Defense needs and carry them through appropriate analyses with assurance that sound results will be given consideration by the responsible agencies.

The Laboratory's locale, equidistant between Baltimore and Washington, D. C., allows staff members to select urban, suburban or rural living and either of these two outstanding centers of culture as a focal point for fine living.

These appointments offer exceptional opportunities. For information and arrangements for interview, write in confidence to:

Dr. Charles F. Meyer, Assessment Division Supervisor
The Applied Physics Laboratory. The Johns Hopkins University
8611 Georgia Avenue, Silver Spring, Maryland

Also available from the American Standards Association (Dept. PR 64) is the second part of an international agreement on units and on symbols for quantities and units used in various fields of science which has recently been published by the International Organization for Standardization. This work, *Quantities and Units of Periodic and Related Phenomena* (ISO Recommendation R31, Part 2) follows the previously published Part 1 of R31, which covers fundamental quantities and units of the MKSA system and quantities and units of space and time. Parts 1 and 2 are available at $1.80 and $1.20, respectively.

Facilities

A new eight-story addition to the Kodak Research Laboratories in Rochester, N. Y., is being built to house the Physics Division, thus providing additional space in the main research buildings at Kodak Park for other research divisions, such as chemistry and applied photography. Seven floors will be used for laboratories and research areas, including staff offices, and the eighth floor will provide space for mechanical equipment and possibly an observation platform for use in photographic research. Kodak's research in physics includes work in colorimetry, radiography, sound reproduction, sensitometry, and solid-state physics, in addition to many specialties such as television studies and lens computing. The new building is expected to be ready for use in 1961.

At Oak Ridge National Laboratory, construction of a new $6.5 million Metals and Ceramics Building is to begin late this year, with completion anticipated by early 1962. Preliminary plans call for two principal sections in the building, a three-story unit to house the general Metals and Ceramics Laboratories and associated offices, and a second unit consisting of a high-bay area and a two- or three-story testing area. Research in the new building will involve various metallurgical problems associated with reactor development.

Hoffman Electronics Corporation has begun construction of a $1.5 million semiconductor plant to be located in Los Angeles. On completion, scheduled for September 1, the facility will serve as administrative headquarters for Hoffman's Semiconductor Division, now in Evanston, Ill., and for producing solar energy conversion devices.

Bell Telephone Laboratories has announced plans for the construction of a new $20-million laboratory to be built on the Laboratories' 430-acre site in Holmdel, N. J. The new building will provide additional space for communications research and development. Work currently performed at the Holmdel location includes high-frequency radio and electronics studies in such areas as radio telephony and ultra-short-wave propagation. The first portion of the building is expected to be ready for occupancy sometime in 1961.