

ratory which Westinghouse operates for the AEC. The new department, under the direction of Sidney Krasik, will conduct research in reactor physics and will support the activities of other Bettis Plant departments by supplying information on reactor parameters, design techniques, and reactor applications.

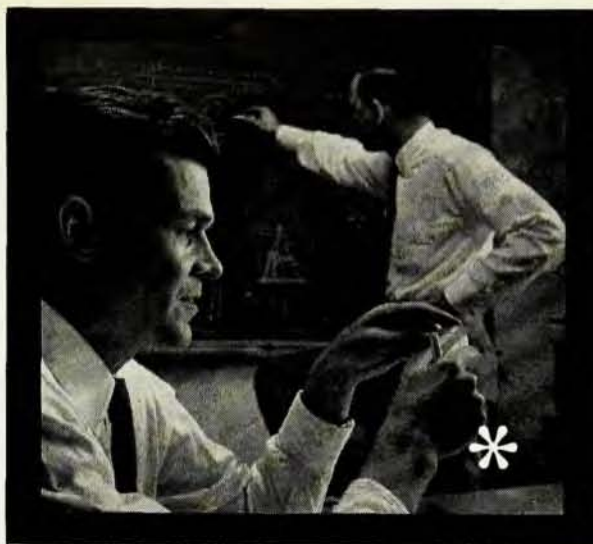
Grants and Fellowships

The National Academy of Sciences—National Research Council has announced that its programs of Postdoctoral Resident Research Associateships will again be offered for the 1957-58 academic year. The programs have been established to provide young scientists of unusual ability and promise with an opportunity for advanced training in basic research in the general areas of biology, ceramics, chemistry, electronics, mathematics, metallurgy, and physics. The associateships are tenable at the Argonne National Laboratory in Lemont, Illinois; at the Washington, D. C. and Denver, Colorado, laboratories of the National Bureau of Standards; at the Naval Research Laboratory in Washington, D. C.; and at the Oak Ridge National Laboratory in Oak Ridge, Tennessee.

Applicants must be citizens of the United States. They must produce evidence of training in one of the listed fields equivalent to that represented by the PhD or ScD degree and must have demonstrated superior ability for creative research. Stipends are up to \$7035 a year. Further information and application materials may be secured by writing to the Fellowship Office, National Academy of Sciences—National Research Council, 2101 Constitution Avenue, N. W., Washington 25, D. C. In order to be considered for awards for the academic year 1957-58, applications must be filed at the Fellowship Office on or before January 11, 1957. Awards will be made about April 1, 1957.

Applications are now being accepted for advanced study and research in the natural sciences in three National Science Foundation fellowship programs: a predoctoral program for college seniors and graduate science students, a postdoctoral program for scientists holding the doctoral degree, and a senior postdoctoral program for candidates who have held the science doctorate for a minimum of five years and have demonstrated unusual ability and special aptitude for productive scholarship in the sciences. It is planned that approximately one thousand awards will be made.

NSF fellowships are awarded to American citizens who will begin or continue their studies at the graduate level or beyond during the 1957-58 academic year. Under the broadened program, fellowships will be awarded in the mathematical, physical, medical, biological, engineering, and other sciences, certain interdisciplinary fields, and areas of convergence between the natural and social sciences. Fellows will be selected on the basis of ability as evidenced by letters of recommendation, academic records, and other evidence of attainment. Applicants for the predoctoral fellowships are required to take the Graduate Record Examination.



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Candidates' qualifications will be evaluated by carefully chosen panels of scientists established by the National Academy of Sciences—National Research Council. Final selection of fellows will be made by the Foundation.

Stipends for graduate fellows are \$1600 for the first year, \$1800 for the intermediate year, and \$2000 for the terminal year. The annual stipend for postdoctoral fellows is \$3800. Senior postdoctoral fellows will receive stipends ranging from \$4000 to \$10 000, adjusted to match as closely as feasible the regular salaries of the award recipients. Fellows may attend any accredited nonprofit institution of higher learning in the US or similar institutions abroad. Dependency allowances will be made for married fellows, and tuition, laboratory fees, and limited travel allowances will also be provided.

Applications for the NSF graduate and regular postdoctoral fellowship programs may be obtained from the Fellowship Office, National Academy of Sciences—National Research Council, 2101 Constitution Avenue, N. W., Washington 25, D. C. The closing dates for receipt of applications are December 24, 1956, for postdoctoral applicants, and January 7, 1957, for graduate students working toward advanced degrees in science. The selections will be announced on March 15, 1957.

Applications for the senior postdoctoral program may be obtained from the Division of Scientific Personnel and Education, National Science Foundation, Washington 25, D. C. Completed material must be received not later than January 14, 1957. Selections will be announced on March 20.

Borg-Warner Corp. has established eight scholarships providing awards up to \$750 a year to cover tuition costs at the Illinois Institute of Technology. Inaugurated this year, the scholarships will be awarded annually to students fulfilling the school's entrance requirements. Scholarship application blanks may be obtained from the Chairman of the Scholarship Committee, Illinois Institute of Technology, 3300 S. Federal St., Chicago, Ill.

The National Science Foundation will make a limited number of travel grants for the purpose of assisting scientists wishing to attend the scientific meetings held in Europe during the summer of 1957 which are associated with the triannual meeting of the International Union of Pure and Applied Physics and endorsed by the IUPAP. Requests for application blanks should be sent to the National Science Foundation, 1520 H Street, N. W., Washington 25, D. C. It is requested that applications be submitted to the Foundation before January 10, 1957.

Research Corporation has awarded its quarterly grants totaling almost \$200 000 to 56 colleges and universities in the US, Hawaii, and Cuba, and to the Canadian Mathematical Congress (in support of a special summer school program). To date Research Corp. has awarded more than \$630 000 in aid of research in the fields of physics, chemistry, astronomy, mathematics, and engineering.