

APPENDIX H

Publications of the National Science Foundation

This listing includes publications issued by the National Science Foundation through fiscal year 1957. A more complete listing of Foundation publications, including those released after the close of the fiscal year, may be obtained upon request to the Foundation.

ANNUAL REPORTS

In January of each year the National Science Foundation issues an annual report of activities covering the previous fiscal year ending on June 30. The annual reports are made available to the public through the Superintendent of Documents, Government Printing Office, Washington 25, D. C., at nominal prices.

NATIONAL SCIENCE STUDIES SERIES

This series of reports contains data on scientific research and development. The series is largely the presentation of the data collected to determine the extent and nature of research and development in the country as a whole. However, in this series are also included special studies relating to other phases of scientific research and development. The reports may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Federal Support for Science Students in Higher Education, 1954. 30 cents.

Organization of the Federal Government for Scientific Activities. \$1.75.

Research and Development by Non-profit Research Institutes and Commercial Laboratories, 1953. 50 cents.

Research by Cooperative Organizations. 35 cents.

Science and Engineering in American Industry. Final Report on a 1953-1954 Survey. 70 cents.

Scientific Research Expenditures by the Larger Private Foundations. 25 cents.

FEDERAL FUNDS FOR SCIENCE SERIES

These reports contain information on the Federal research and development budget. Such information is compiled on a current basis by the National Science Foundation with the cooperation of other Federal agencies having research and development programs. The most recent report in the series may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

V. The Federal Research and Development Budget, Fiscal Years 1955, 1956, and 1957. 35 cents.

REVIEWS OF DATA ON RESEARCH AND DEVELOPMENT

These publications are in the form of leaflets published at irregular intervals and devoted to specific aspects of research and development. The first issue was published at the close of 1956, with the following issues having been published since that time:

Expenditures for Research and Development in the United States, 1953.

Funds for Research and Development in Colleges and Universities, 1953-54.

Funds for Research in Medical Schools, 1953-54.

Exchange of Foreign and American Graduate Students in the Sciences, Engineering, and Other Fields.

Funds for Basic Research in the United States, 1953.

Copies of these leaflets may be obtained from the National Science Foundation, Washington 25, D. C.

SCIENTIFIC MANPOWER SERIES

The Scientific Manpower Series consists of reports on the supply and characteristics of scientific and technological

manpower in various fields of science. The reports were based originally upon data developed through the registration program of the National Scientific Register, which functioned under the policy and fiscal direction of the National Science Foundation and was operated by the Federal Security Agency, Office of Education. Following the transfer of registration operations to the Foundation, the reports were continued in cooperation with the United States Department of Labor, Bureau of Labor Statistics. These reports may be purchased from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Research and Development Personnel in Industrial Laboratories, 1950. 15 cents.

Manpower Resources in Physics, 1951. 20 cents.

Manpower Resources in Chemistry and Chemical Engineering. Out of print.

Manpower Resources in Mathematics. 20 cents.

Manpower Resources in the Earth Sciences. 45 cents.

Manpower Resources in the Biological Sciences. 40 cents.

Education and Employment Specialization in 1952 of June 1951 College Graduates. 35 cents.

SCIENTIFIC MANPOWER BULLETINS

This series of four-page leaflets was also established as a means for releasing scientific manpower information gathered in connection with the scientific registration program. Copies of *Bulletins* still in print may be obtained upon request to the Division of Scientific Personnel and Education, National Science Foundation, Washington 25, D. C.

Manpower Resources in Chemistry, 1951.

Manpower Resources in Physics, 1951.

Manpower Resources in Chemical Engineering, 1951.

Military Status and Selective Service Classification of June 1951 College Graduates.

Manpower Resources in Geology, 1951.
Manpower Resources in Psychology, 1951.

Manpower Resources in Mathematics, 1951.

Highlights of a Survey of June 1951 College Graduates.

Manpower Resources in the Geophysical Sciences.

Manpower Resources in Meteorology, 1951.

Highlights of a Survey of Graduate Student Enrollments, Fellowships, and Assistantships, 1954.

Shortages of Scientists and Engineers in Industrial Research.

Employment Profile of Scientists in the National Register of Scientific and Technical Personnel, 1954-55.

PROCEEDINGS OF CONFERENCES ON SCIENTIFIC MANPOWER

Since December 1951, the National Science Foundation has sponsored an annual conference on scientific manpower in conjunction with the annual meetings of the American Association for the Advancement of Science. In view of the widespread interest in these meetings, a limited number of processed copies of the *Proceedings* have been issued. Copies of listed *Proceedings* may be obtained upon request to the Division of Scientific Personnel and Education, National Science Foundation, Washington 25, D. C.

III. Boston, December 1953.

IV. Berkeley, December 1954.

OTHER SCIENTIFIC MANPOWER AND EDUCATION REPORTS

Trends in the Employment and Training of Scientists and Engineers.

Scientific Personnel Resources. 50 cents.

SCIENCE INFORMATION EXCHANGE

In connection with its program for exchange of scientific information, the National Science Foundation has published or sponsored the publication of material

of interest to American scientists and scientific librarians.

List of International and Foreign Scientific and Technical Meetings. Quarterly. May be ordered from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. Subscription price: \$1 per year, domestic; \$1.25 per year, foreign. Single copy price: 25 cents.

Soviet Science. A symposium presented on December 27, 1951, at the Philadelphia meeting of the American Association for the Advancement of Science. May be ordered from American Association for the Advancement of Science, 1515 Massachusetts Avenue NW., Washington 5, D. C. \$1.75 (\$1.50 to AAAS members).

Soviet Professional Manpower—Its Education, Training, and Supply, by Nicholas DeWitt. May be ordered from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. \$1.50.

Translation Monthly. Subscription price: \$5 per year. May be ordered from Special Libraries Association Scientific Translations Center, John Crerar Library, 86 East Randolph Street, Chicago 1, Ill.

National Science Foundation Translations of Russian Reports in Physics from Doklady Akademii Nauk SSSR. May be ordered from Office of Technical Services, Department of Commerce, Washington 25, D. C. 10 cents each. A list of the NSF translations for sale is available on request to the Office of Technical Services.

Translation of the following Russian journals is being supported by the National Science Foundation and may be obtained from—

American Institute of Physics
335 East 45th Street
New York 17, N. Y.

Soviet Physics—JETP (Zhurnal Eksperimentalnoi i Teoreticheskoi Fiziki). Monthly. Subscription price, \$60 per year. Single copy, \$6.

Journal of Technical Physics (Zhurnal Tekhnicheskoi Fiziki). Monthly. Sub-

scription price, \$90 per year. Single copy, \$9.

Acoustics Journal (Akusticheskii Zhurnal). Quarterly. Subscription price, \$20 per year. Single copy, \$6.

Proceedings of the USSR Academy of Sciences—Physics Articles (Doklady Akademii Nauk SSSR). Bimonthly. Subscription price, \$25 per year. Single copy, \$6.

American Institute of Biological Sciences
2000 P Street NW.
Washington 6, D. C.

Microbiology (Mikrobiologiya). Bimonthly. Subscription price, \$20 per year.

Plant Physiology (Fiziologii Rastenii). Bimonthly. Subscription price, \$15 per year.

Proceedings of the USSR Academy of Sciences (Doklady)

Biological Sciences Articles. Bimonthly. Subscription price, \$20 per year.

Botanical Sciences Articles. Bimonthly. Subscription price, \$7.50 per year.

American Mathematical Society
190 Hope Street
Providence 6, R. I.

American Mathematical Society Translations (Selected Translations from Russian Mathematical Literature). Series 2—volumes 1, 2, 3, and 4, approximately \$3.50 each; volume 5, \$4.30; volume 6, \$5.20.

The following translations were published with the aid of a grant from the National Science Foundation. They may be ordered from Pergamon Press, 122 East 55th Street, New York 22, N. Y., or 4, Fitzroy Square, London, W. 1, England:

Bulletin of the Academy of Sciences of the USSR—Geophysics Series (Izvestiia Akademii Nauk SSSR—Seriiia Geofizicheskaiia). Monthly. Subscription price, \$25 per year.

Abstracts of the Eastern European and Continental China Papers in Geophysics.

Bimonthly. Subscription price, \$25 per year.

COMMITTEES AND SPECIAL REPORTS

Publications Resulting From National Science Foundation Research Grants, Through Fiscal Year Ending June 30, 1956. 30 cents.

Report of the Advisory Committee on Minerals Research to the National Science Foundation, 1956.

Report of the Advisory Panel on High-Energy Accelerators to the National Science Foundation.

GOVERNMENT RESEARCH INFORMATION

Government Research Information, A Program of the Office of Scientific Information. A brochure describing an NSF-sponsored program designed to make unclassified, scientific reports on Government-supported research readily available to United States scientists. Available upon request from NSF Office of Scientific Information, attention GRI.

GRANTS FOR SCIENTIFIC RESEARCH

A guide for the submission of research proposals and the administration of National Science Foundation research grants.

FELLOWSHIP ANNOUNCEMENTS

Announcements of the National Science Foundation fellowship program, with instructions for applying. Annual announcement of predoctoral program; semi-annual announcement of postdoctoral, senior postdoctoral, and science faculty programs.

COMMITTEES

These publications describe the activities of two committees established by Executive order with staff services provided by the National Science Foundation. The publications may be obtained from the Public Information Office, National Science Foundation, Washington 25, D. C.

The Interdepartmental Committee on Scientific Research and Development.

The President's Committee on Scientists and Engineers.