Sources of Research Support

"Can you please tell me where I can get a grant for a research project on . . . ?" In one form or another this request comes fairly frequently to the AAAS office, as it does to the offices of other scientific associations and agencies. We should like to help the authors of these requests, but our judgment of the merits of a proposal is not really relevant, and our advice on possible sources of support is likely to be poorer, and certain to be slower, than information the authors can get for themselves from easily available sources.

These requests seem to indicate a failure of communication. The prospective grantee may not know it, but he has access to considerably fuller information than we or any other remote adviser can give him. As a start, he can consult America's Foundations and Their Fields [American Foundation Information Service, 860 Broadway, New York]. This useful volume describes the objectives and programs of 4162 foundations, indicates the fields supported by each, and contains an index of fields that will help anyone to select the foundations that might be interested in his particular proposal. A prospective grantee will find it both useful and interesting to spend a couple of hours studying this reference source.

The American Foundation Information Service also publishes American Foundation News, a periodical report of foundation grants and policies.

More detailed information can be found in the reports—usually published annually—that most of the major foundations distribute widely to university and large public libraries. These reports list the grants that a foundation has made during the preceding year, name the recipient of each, give a brief description or the title of the project or study, and usually state the amount of money granted. The National Science Foundation publishes a similar report, and comparable information is available from some of the other research-supporting agencies of the Federal Government. A list of studies currently being supported by a foundation can give a prospective grantee a fairly clear idea of whether or not that foundation is likely to give consideration to his proposal. If a foundation changes or extends its area of activity, an announcement of the change can be expected in its annual report.

Foundation officials are always searching for good studies to support. Only through their wisdom, imagination, and hard work has the business of giving money away become the successful and constructive affair that it is. Through their published reports they do their share and perhaps more than their share of trying to communicate with prospective grantees. As a further aid to good communication, the Carnegie Corporation has underwritten the recently established Foundation Library Center at 588 Fifth Avenue, New York. While the center cannot tell those in search of funds where to apply, it will become a major new source of information about foundations and their activities. The center plans to publish periodically a directory of foundation information.

If a prospective grantee does not know about the sources of information, perhaps this editorial will be helpful. If he does know of the available sources, he should use them. Better than anyone else, he knows what he wants to do; with the information about foundations that is available to him, he and his research colleagues are likely to be their own best advisers about appropriate sources of support.—D. W.
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7–9. Fundamental Cancer Research, 11th annual symp., Houston, Tex. (L. Dmochowski, M. D. Anderson Hospital, Texas Medical Center, Houston 25.)


11–15. National Assoc. of Corrosion Engineers, 13th annual, St. Louis, Mo. (R. T. Effinger, Shell Oil Co., Deer Park Refinery, Houston, Tex.)

13–15. Society of Exploration Geophysicists, 10th annual midwestern, Fort Worth, Tex. (G. A. Grimm, Tide Water Associated Oil Co., Box 2191, Midland, Tex.)

14. Effect of Radiation on Foods, Assoc. of Vitamin Chemists, Chicago, Ill. (M. Freed, Dawe's Laboratories, Inc., 4800 S. Richmond St, Chicago 32.)


22–23. Heart: Law-Medicine Problem, Cleveland, Ohio. (O. Schroeder, Jr., Law-Medicine Center, Western Reserve Univ., Cleveland 6.)


24–27. American Soc. of Dental Schools, annual, Atlantic City, N.J. (M. W. McCrea, 42 S. Greene St, Baltimore 1, Md.)

25–28. American Acad. of General Practice, 9th annual scientific assembly, St. Louis, Mo. (M. F. Cahal, AAGP, Volker Blvd. at Brookside, Kansas City 12, Mo.)

25–29. Western Metal Exposition and Congress, 10th, Los Angeles, Calif. (W. H. Eisenman, 7301 Euclid Ave., Cleveland 3, Ohio.)


27–29. National Committee on Alcoholism, annual, Chicago, Ill. (Miss E. Jensen, NCA, 2 E. 103 St., New York 29.)

31–9. Pan American Cong. of Social Work, 3rd, San Juan, P.R. (Mrs. M. Velez de Perez, Apartado 3271, San Juan.)

April

1–4. American Assoc. of Petroleum Geologists, 42nd annual, St. Louis, Mo. (R. H. Dott, AAPG, Box 979, Tulsa, Okla.)


8. Phi Lambda Upsilon, Miami, Fla. (T. B. Cameron, Dept. of Chemistry, Univ. of Cincinnati, Cincinnati 21, Ohio.)

8–10. American Soc. of Mechanical Engineers, spring, Birmingham, Ala. (C. E. Davies, ASME, 29 W. 39 St., New York 18.)


10–12. Nuclear Instrumentation Conf.,

18 JANUARY 1957

11-13. Southwestern Inst. of Radio Engineers Conf. and Electronics Show, 9th annual, with 2nd National Simulation Conf., Houston, Tex. (F. C. Smith, Jr., Box 13058, Houston 19.)


12-13. Eastern Psychological Assoc., annual, New York, N.Y. (G. G. Lane, Dept. of Psychology, Univ. of Delaware, Newark.)


13. South Carolina Academy of Science, annual, Columbia (Miss M. Hess, Box 114, Winthrop College, Rock Hill, S.C.)


15-17. Systems for Information Retrieval, symp., Cleveland, Ohio. (J. H. Shera, School of Library Science, Western Reserve Univ., Cleveland 6.)


15-18. Host-Specificity and Parallel Evolution among Parasitic Insects and Worms, symp., Neuchatel, Switzerland. (J. G. Baer, C.P. 2, Neuchatel 7.)

15-19. American Assoc. of Immunologists, annual, Chicago, Ill. (F. S. Cheever, Graduate School of Public Health, Univ. of Pittsburgh, Pittsburgh 13, Pa.)

15-19. American Soc. for Experimental Pathology, annual, Chicago, Ill. (C. C. Erickson, Inst. of Pathology, Univ. of Tennessee, 835 Madison Ave., Memphis.)

15-19. American Soc. for Pharmacology and Experimental Therapeutics, Chicago, Ill. (H. Dodge, Dept. of Pharmacology, Univ. of Rochester, Rochester, N.Y.)


17-19. American Assoc. of Anatomists, annual, Baltimore, Md. (L. B. Flexner, School of Medicine, Univ. of Pennsylvania, Philadelphia 4.)

18-20. Assoc. of Southeastern Biologists, annual, Athens, Ga. (J. C. Dickinson, Jr., Univ. of Florida, Gainesville.)

18-20. Ohio Acad. of Science, annual, Bowling Green, Ohio. (J. M. Dexter, Dept. of Biology, Kent State Univ., Kent, Ohio.)

18-20. Southern Soc. for Philosophy and Psychology, annual, Gatlinburg, Tenn. (W. B. Webb, U.S. Navy School of Aviation Medicine, Pensacola, Fla.)

18-20. Venero-Plankton Postgrad. Conf., 26th, Memphis, Tenn. (H. Packer, Dept. of Preventive Medicine, Univ. of Tennessee College of Medicine, Memphis 3.)

19-20. Arkansas Acad. of Science, annual, Fayetteville. (L. F. Bailey, University of Arkansas, Fayetteville.)

19-20. Seismological Soc. of America, annual, Los Angeles, Calif. (P. Byerly, Bacon Hall, Univ. of California, Berkeley 4.)


24-26. Purity Control by Thermal Analysis, TUPAG, Amsterdam, Netherlands. (W. M. Smit, Central Inst. for Physico-Chemical Constants, Bilstraat 172, Utrecht, Netherlands.)


26-27. Iowa Acad. of Science, annual, Cedar Falls. (J. L. Laffoon, Dept. of Zoology and Entomology, Iowa State College, Ames.)

26-27. Kentucky Acad. of Science, Mammoth Cave. (G. Levey, Berea College, Berea, Ky.)
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EQUIPMENT NEWS

All inquiries concerning items listed here should be addressed to Science, Room 604, 11 W. 42 St., New York 36, N.Y. Include the name(s) of the manufacturer(s) and the department number(s).

- **Mass Spectrometer** that operates on a radio-frequency principle rather than on a magnetic principle is designed for continuous-process stream analysis and control and for laboratory analysis. The new gas analyzer alternately monitors any six preselected gases in the range between mass 12 and mass 100. An accessory permits cyclic monitoring of selected gases at the rate of one every 10 sec. (Beckman Instruments, Inc., Dept. S125)

- **Particle Resolver** utilizes flying-spot scanning to convert a two-dimensional distribution of density into a varying voltage/time relationship, which in turn is used to produce an 8- by 8-in. picture of a microscopic subject on a picture tube. Magnification is variable from 200 to 8000 diameters; resolution is 0.1 μ. The instrument, which is made by Cinematography Television, Ltd., of London, can also be used to count automatically the number of particles within the field of the objective. Minimum particle size is 0.6 μ. A sizing unit permits selection of a lower limit to the size of particles to be counted; this limit is from 0.6 to 160 μ in 60 increments. (Marconi Instruments, Ltd., Dept. S126)

- **Recording Oscillograph** that will accept up to 24 individual signals simultaneously and record them on a strip chart is of the direct ink-writing type but utilizes a light-beam type of galvanometer. (Century Electronics and Instruments, Inc., Dept. S127)

- **Flame Spectrometer** provides simultaneous analysis of sodium, potassium, calcium, and magnesium in biological samples. The instrument consists of a collapsed-beam version of a Wadsworth 750-mm, concave-grating spectrometer and associated electronic circuits. It requires a 1-ml sample. Exit slits are located on the peaks of the lines giving the greatest sensitivity for Na, K, Ca, and Mg. Additional slits observe the background on one or both sides of the lines. The photomultiplier output for the background is electronically subtracted from the output for the line plus background. Concentration ranges are as follows: Na, 0.01 to 30 ppm; Ca, 0.1 to 100 ppm; K and Mg, 1.0 to 1000 ppm. The precision is approximately ±3% at 1 ppm for Na and Ca and at 10 ppm for K and Mg. (Jarrell Ash Co., Dept. S124)

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