

APPENDIX III

CONTRACTS AND GRANTS OTHER THAN RESEARCH AWARDED IN FISCAL YEAR 1953

Studies in Science

- AMHERST COLLEGE, Amherst, Mass.; *Conference on Physics Research in Colleges*; \$3,765.
- UNIVERSITY OF CHICAGO, Chicago, Ill.; H. C. Urey, Institute for Nuclear Studies; *Conference on Abundance of the Elements*; \$4,000.
- COLUMBIA UNIVERSITY, New York, N. Y.; *Symposium on the Biochemical and Physiological Interrelationships of Glutathione*; \$8,200.
- DUKE UNIVERSITY, Durham, N. C.; *Conference on Cosmic Rays*; \$8,500.
- UNIVERSITY OF MICHIGAN, Ann Arbor, Mich.; *Symposium on Astrophysics*; \$5,500.
- UNIVERSITY OF NEW MEXICO, Albuquerque, N. Mex.; *Conference on Motions in the Upper Atmosphere*; \$5,000.
- RICE INSTITUTE, Houston, Tex.; W. V. Houston, Department of Physics; *Third International Conference on Low Temperature Physics*; \$8,000.
- UNIVERSITY OF ROCHESTER, Rochester, N. Y.; R. E. Marshak, Department of Physics; *Third Annual Conference on High Energy Physics*; \$3,200.
- UNIVERSITY OF ROCHESTER, Rochester N. Y.; *Fourth Annual Conference on High Energy Nuclear Physics*; \$3,000.
- SIMMONS COLLEGE, Boston, Mass.; J. L. Solinger, Department of Biology; *Survey of the Subject Matter of Introductory Biology Courses*; 1 year; \$2,000.
- UNIVERSITY OF WISCONSIN, Madison, Wis.; *Symposium on Utilization of Solar Energy*; \$6,000.
- WORCESTER FOUNDATION FOR EXPERIMENTAL BIOLOGY, Shrewsbury, Mass.; G. Pincus; *Conference on Methods of Determination of Steroids of Blood and Urine*; \$8,900.
- AMERICAN MATHEMATICAL SOCIETY, Providence, R. I.; *Summer Mathematical Institute*; \$20,000;
- AMERICAN PSYCHOLOGICAL ASSOCIATION, Washington, D. C.; *Study of the Development and Status of Psychology*; 11 months; \$40,000.
- CORNELL UNIVERSITY, Ithaca, N. Y.; *Conference on Fiber Bundles and Differential Geometry*; \$2,200.
- NATIONAL ACADEMY OF SCIENCES, Washington, D. C.; *Committee on Photobiology*; 1 year; \$10,000.
- NATIONAL ACADEMY OF SCIENCES, Washington, D. C.; J. Kaplan and W. W. Atwood, Jr.; *Support of the U. S. National Committee for the Third Geophysical Year*; 6 months; \$5,000.
- NORTHWESTERN UNIVERSITY, Evanston, Ill.; *Conference on Problems in Astrometry*; \$7,400.
- SOCIETY FOR THE STUDY OF DEVELOPMENT AND GROWTH, New Haven, Conn.; *Symposium on Specificity in Development*; \$1,500.
- COLLOQUIUM OF ASTRONOMERS, Lowell Observatory, Flagstaff, Ariz.; \$4,885.

Education in the Sciences

- UNIVERSITY OF COLORADO, Boulder, Colo.; B. W. Jones, Department of Mathematics; *Summer Conference in Collegiate Mathematics*; 8 weeks; \$12,750.
- STATE UNIVERSITY OF IOWA, Iowa City, Iowa; G. W. Stewart, Department of Physics; *Colloquium of College Physicists*; 3 years; \$4,100.
- UNIVERSITY OF MINNESOTA, Minneapolis, Minn.; J. W. Buchta, Department of Physics; *Summer Institute for College Teachers of Physics*; 5 weeks; \$9,500.
- UNIVERSITY OF OKLAHOMA, Norman, Okla.; H. Harvey, Department of Biological Sciences; *Summer Conference in Collegiate Biology*; \$5,500.
- SCIENCE SERVICE, INC., Washington, D. C.; *Support of Science Clubs of America*; 1 year; \$10,000.
- SOCIETY OF SYSTEMATIC ZOOLOGY; R. E. Blackwelder, Secretary; *Discussion Panels on Basic Concepts in Zoology*; \$1,000.

Scientific Personnel Information

- AMERICAN COUNCIL OF LEARNED SOCIETIES, Washington, D. C.; J. F. WELLEMEYER, Jr., Staff Adviser; *Publication of the Combined Coding and Classification Systems used in National Registration*; 3 months; \$800.
- AMERICAN MATHEMATICAL SOCIETY, Providence, Rhode Island; E. G. Begle, Secretary; *Survey to Determine Operating Procedures to be Followed in Compilation and Maintenance of a Register of Mathematicians*; 3 months; \$650.
- AMERICAN VETERINARY MEDICAL ASSOCIATION, Chicago, Illinois; J. G. Hardenbaugh Executive Secretary; *Establishing a Register of Veterinarians*; 3 months; \$2,600.
- FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY, Washington, D. C.; M. O. Lee, Executive Secretary; *Establishing a Register of Experimental Biologists*; 1 year; \$11,400.
- NATIONAL ACADEMY OF SCIENCES, Washington, D. C.; R. W. Webb, Executive Director, American Geological Institute; *Establishing a Register of Scientific and Technical Personnel in the Earth Sciences*; 1 year; \$11,500.

Training in the Sciences

- EDUCATIONAL TESTING SERVICE, Princeton, N. J.; *Testing Candidates for Academic Year 1953-54 Fellowship Program*; 1 year; \$47,500.
- NATIONAL ACADEMY OF SCIENCES, Washington, D. C.; *Evaluation of NSF Fellowship Applicants for Academic Year 1953-54, and Analysis of Fellowship Programs*; 14 months; \$65,000.

Exchange of Scientific Information

- AMERICAN ASSOCIATION OF PHYSICS TEACHERS, Lexington, Ky.; T. H. Osgood, Dean School of Graduate Studies, Michigan State College, East Lansing, Mich.; *Compilation and Publication of a Twenty-Year Cumulative Index for the American Journal of Physics*; 1 year; \$3,600.
- AMERICAN ASTRONOMICAL SOCIETY, Madison, Wis.; C. M. Huffner, Secretary, Washburn Observatory, Madison, Wis.; *Publication of a Supplement to the Astrophysics Journal and an Annual Issue of the Astronomical Journal*; 2 years; \$9,200.
- AMERICAN MATHEMATICAL SOCIETY, Providence, R. I.; H. M. MacNeille, Executive Director; *Experimental Project to Explore the Possibilities of Reducing the Costs of Publication and Distribution of the Results of Research in the Field of Mathematics*; 1 year; \$6,300.

ASTRONOMICAL SOCIETY OF THE PACIFIC, San Francisco, Calif.; S. B. Nicholson, Chairman, Publications Committee; *Compilation and Publication of a Fifteen-Year Cumulative Index to the Publications of the Society*; 2 years; \$2,500.

BIOLOGICAL ABSTRACTS, INC., Philadelphia, Pa.; *Emergency Support of Biological Abstracts*; 2 years; \$25,000.

COLUMBIA UNIVERSITY, New York, N. Y.; E. J. Simmons, Head, Department of Slavic Languages; *Translation of Certain Scientific Papers from the Russian and Compilation of a Russian-English Card-file Glossary in Science*; 1 year; \$40,000.

THE LIBRARY OF CONGRESS, Washington 25, D. C.; R. L. Zwemer, Chief, Science Division; *Compilation of Lists of Scientific and Technical Serial Publications*; 9 months; \$25,000.

NATIONAL ACADEMY OF SCIENCES, Washington, D. C.; *Preparation of a Glossary of Terms Used in Geology and Related Sciences*; 2 years; \$7,500.

UNIVERSITY OF PENNSYLVANIA, Philadelphia, Pa.; F. B. Wood, Department of Astronomy; *Compilation and Publication of a Finding List for Observers of Eclipsing Variables*; 1 year; \$2,000.

SMITHSONIAN INSTITUTION, Washington, D. C.; *Support of The Program for Foreign Exchange of Scientific Literary and Governmental Reports*; 6 months; \$6,000.

International Travel Grants

H. L. ALDEN, University of Virginia, Charlottesville, Va., to Rome, Italy.

O. N. ALLEN, University of Wisconsin, Madison, Wis., to Rome, Italy.

R. S. ANDERSON, University of South Dakota, Vermillion, S. Dak., to Cambridge, England.

L. BINNENDIJK, Carleton College, Northfield, Minn., to Rome, Italy.

D. BLISS, Harvard University, Cambridge, Mass., to Naples, Italy.

R. H. BOLT, Massachusetts Institute of Technology, Cambridge, Mass., to Europe.

B. J. BOK, Harvard University, Cambridge, Mass., to Groningen, Netherlands.

S. E. BRANHAM, National Institutes of Health, Bethesda, Md., to Rome, Italy.

M. S. BROWN, Texas Agricultural Experiment Station, College Station, Tex., to Bellagio, Italy.

H. L. CARSON, Washington University, St. Louis, Mo., to Bellagio, Italy.

E. CASPARI, Wesleyan University, Middletown, Conn., to Bellagio, Italy.

R. V. DIPPEL, University of Indiana, Bloomington, Ind., to Bellagio, Italy.

J. T. EDSALL, Harvard University, Cambridge, Mass., to Stockholm, Sweden.

P. J. FLORY, Cornell University, Ithaca, N. Y., to Kyoto, Japan.

A. S. FOX, Ohio State University, Columbus, Ohio, to Bellagio, Italy.

J. P. FOX, Tulane University, New Orleans, La., to Rome, Italy.

H. I. EWEN, Harvard University, Cambridge, Mass., to Sydney, Australia.

J. G. GALL, University of Minnesota, Minneapolis, Minn., to Bellagio, Italy.

E. J. GARDNER, Utah State Agricultural College, Logan, Utah, to Bellagio, Italy.

R. B. GOLDSCHMIDT, University of California, Berkeley, Calif., to Bellagio, Italy.

M. M. GREEN, University of California, Davis, Calif., to Bellagio, Italy.

R. A. HELLIWELL, Stanford University, Stanford, Calif., to Sydney, Australia.

I. M. KOLTHOFF, University of Minnesota, Minneapolis, Minn., to Oxford, England.

L. H. KLEINHOLZ, Reed College, Portland, Oregon, to Naples, Italy.

G. P. KUIPER, University of Chicago, Chicago, Ill., to Rome, Italy.

R. P. LEVINE, Amherst College, Amherst, Mass., to Bellagio, Italy.

L. A. MANNING, Stanford University, Stanford, Calif., to Sydney, Australia.

R. E. MARSHAK, University of Rochester, Rochester, N. Y., to Kyoto, Japan.

- M. W. MAYALL, Harvard University, Cambridge, Mass., to Rome, Italy.
J. E. MAYER, University of Chicago, Chicago, Ill., to Kyoto, Japan.
M. G. MELLON, Purdue University, Lafayette, Ind., to Oxford, England.
M. G. MORGAN, Dartmouth College, Hanover, N. H., to Sydney, Australia.
W. W. MORGAN, University of Chicago, Chicago, Ill., to Groningen, Netherlands.
C. P. OLIVER, University of Texas, Austin, Tex., to Bellagio, Italy.
J. R. OPPENHEIMER, Institute for Advanced Study, Princeton, N. J., to Kyoto, Japan.
R. R. OVERMAN, University of Tennessee, Memphis, Tenn., to Istanbul, Turkey.
I. I. RABI, Columbia University, New York, N. Y., to Kyoto, Japan.
G. T. REYNOLDS, Princeton University, Princeton, N. J., to Bagnères de Bigorre, France.
R. SAGER, Rockefeller Institute for Medical Research, New York, N. Y., to Rome, Italy.
M. SCHWARZSCHILD, Princeton University, Princeton, N. J., to Rome, Italy.
S. SILVER, University of California, Berkeley, Calif., to Sydney, Australia.
G. W. SINCLAIR, Ohio Wesleyan University, Delaware, Ohio, to Copenhagen, Denmark.
J. C. SLATER, Massachusetts Institute of Technology, Cambridge, Mass., to Kyoto, Japan.
A. H. SPARROW, Brookhaven National Laboratory, Upton, N. Y., to Bellagio, Italy.
K. F. STEIN, Mt. Holyoke College, South Hadley, Mass., to Bellagio, Italy.
M. SWANN, Texas State College for Women, Denton, Tex., to Bellagio, Italy.
W. SZYBALSKI, Biological Laboratory, Cold Spring Harbor, N. Y., to Rome, Italy.
R. L. USINGER, University of California, Berkeley, Calif., to Copenhagen, Denmark.
B. WALLACE, Biological Laboratory, Cold Spring Harbor, N. Y., to Bellagio, Italy.
J. A. WHEELER, Princeton University, Princeton, N. J., to Kyoto, Japan.
E. P. WIGNER, Princeton University, Princeton, N. J., to Kyoto, Japan.
C. M. WILLIAMS, Harvard University, Cambridge, Mass., to Copenhagen, Denmark.
M. L. WOLFROM, Ohio State University, Columbus, Ohio, to Stockholm, Sweden.
J. H. YOE, University of Virginia, Charlottesville, Va., to Oxford, England.