

APPENDIX D

Grants Other Than Research

FISCAL YEAR 1958

CONFERENCES IN SUPPORT OF SCIENCE

ACADEMY OF NATURAL SCIENCES OF PHILADELPHIA, Philadelphia, Pa.; *Systematic Biology in Private Institutions*; \$4,200

AMERICAN INSTITUTE OF ARCHITECTS, Washington, D. C.; *Conference on Basic Research in Architecture*; \$6,000

AMERICAN INSTITUTE OF BIOLOGICAL SCIENCES, Washington, D. C.

The Physiological Relations Between Nucleus and Cytoplasm; 1 week; \$2,900

Conference on Extrachromosomal Heredity; 5 days; \$3,600

AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS, New York, N. Y.; *Industry-University Conference on Research on Electrical Engineering*; \$2,500

AMERICAN ORNITHOLOGIST'S UNION, Museum of Comparative Zoology, Harvard University, Cambridge, Mass.; *Recent Advances in Ornithological Research*; \$2,800

AMERICAN PHYTOPATHOLOGICAL SOCIETY, Connecticut Agricultural Experiment Station, New Haven, Conn.; *Symposium on Plant Pathology*; \$3,400

AMERICAN SOCIETY OF CIVIL ENGINEERS, New York, N. Y.; *Joint Meeting of the International Association for Bridge and Structural Engineering and the Structural Division of the American Society of Civil Engineering*; \$8,000

BIOLOGICAL ABSTRACTS, Philadelphia, Pa.; *Conference on U. S. Scientific Abstracting and Indexing Services*; \$11,400

BIOMETRIC SOCIETY, Eastern North American Region, Blacksburg, Va.; *Fourth International Biometric Symposium on Biometric Genetics*; \$2,500

BIOPHYSICAL SOCIETY, Cambridge, Mass.; *Symposia on the Structure and Function of Microsomal Particles and on the Nature of Muscle Protein*; \$5,000

UNIVERSITY OF CALIFORNIA, Berkeley, Calif. *Conference on the Axiomatic Method in Geometry and Physics*; \$17,250

Symposium on Statistical Methods in Radio Wave Propagation Investigations; \$2,000

UNIVERSITY OF CHICAGO, Chicago, Ill.; *Conference on High Temperature Research*; \$5,000

UNIVERSITY OF COLORADO, Boulder, Colo.; *Conference on Engineering Science Research* \$5,000

COLUMBIA UNIVERSITY, New York, N. Y. *Symposium on Celestial Mechanics*; \$8,000

Symposium on Comparative Endocrinology; \$14,800

COUNCIL ON WAVE RESEARCH, Richmond, Calif.; *Sixth International Conference on Coastal Engineering*; \$5,000

FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY, Washington, D. C.; *International Symposium on Enzyme Chemistry*; \$10,000

GENERAL ELECTRIC COMPANY, Schenectady, N. Y.; *Conference on the Properties of Metals at Low Temperatures*; \$6,000

GENETICS SOCIETY OF AMERICA, Madison, Wis.; *Tenth International Congress of Genetics*; \$20,000

GENETICS SOCIETY OF AMERICA, Austin, Tex.; *Tenth International Congress of Genetics*, Montreal, Canada; \$26,000

GEORGE WASHINGTON UNIVERSITY, Washington, D. C.; *Conference on Basic Research in Civil Engineering*; \$2,700

UNIVERSITY OF GEORGIA, Athens, Ga.; *Conference on Salt Marsh Research*; \$10,800

UNIVERSITY OF ILLINOIS, Urbana, Ill.; *Fundamental Research in Plain Concrete*; \$8,400

INDIANA UNIVERSITY FOUNDATION, Bloomington, Ind.; *Hyperconjugation*; 3 days; \$2,000

INTERNATIONAL UNION OF PURE AND APPLIED CHEMISTRY, Basel, Switzerland; *40th Meeting of the Executive Committee of the International Union of Pure and Applied Chemistry*; \$5,000

JOHNS HOPKINS UNIVERSITY, Baltimore, Md.; *The Chemical Basis of Development*; 1 week; \$6,500

LONG ISLAND BIOLOGICAL ASSOCIATION, Cold Spring Harbor, N. Y.; *23rd Cold Spring Harbor Symposium on Quantitative Biology*; \$6,500

MARINE BIOLOGICAL LABORATORY, Woods Hole, Mass.; *Symposium on Sulfur in Proteins*; \$9,000

MASSACHUSETTS INSTITUTE OF TECHNOLOGY, Cambridge, Mass.; *Conference for Course Content Studies in Mathematics*; 2 days; \$6,000

MIDWEST RESEARCH INSTITUTE, Kansas City, Mo.; *Small Angle X-ray Scattering From Metals*; \$4,600

MISSOURI BOTANICAL GARDEN, St. Louis, Mo.; *Taxonomic Consequences of Man's Activities*; \$1,500

NATIONAL ACADEMY OF SCIENCES—NATIONAL RESEARCH COUNCIL, Washington, D. C.

W. W. Atwood, Jr., Office of International Relations; *A New International Council of*

Scientific Unions Committee, "Special Committee on the Contamination of Extra Terrestrial Bodies (CETEX)"; \$15,000

Conference on Atmospheric Chemistry of Sulphur and Chlorine; \$4,000

Fracture Colloquium; 4 days; \$7,000

International Congress of Radiation Research; 6 days; \$7,500

Stopping Power Conference; \$5,500

RETINA FOUNDATION, Boston, Mass.; *Conference on the Structure of Mucopolysaccharides; \$6,000*

UNIVERSITY OF ROCHESTER, Rochester, N. Y.; *International Conference on Semiconductors; 5 days; \$5,000*

THE ROCKEFELLER INSTITUTE, New York, N. Y.

A Seminar Series on Developmental Biology; \$2,000

Symposium on Elementary Processes in Nerve Conduction and Muscle Contraction; \$23,000

RUTGERS, THE STATE UNIVERSITY, New Brunswick, N. J.; *Conference on Biochemical and Serological Characterization of Proteins; \$1,000*

SOCIETY FOR THE STUDY OF DEVELOPMENT AND GROWTH, Washington, D. C.; *Seventeenth Growth Symposium; 1 week; \$5,700*

SOCIETY OF SYSTEMATIC ZOOLOGY, Chicago, Ill.; *Two Hundred Years of Progress in Systematic Biology; \$2,500*

WASHINGTON UNIVERSITY, St. Louis, Mo.; *The Midwest Conference on Theoretical Physics; \$1,500*

UNIVERSITY OF WISCONSIN, Madison, Wis.; *Analysis of Composite Radiation From Stellar Systems; 1 day; \$980*

EDUCATION IN THE SCIENCES

Academic-Year Institutes

UNIVERSITY OF CHICAGO, Chicago, Ill.; *Academic-Year Institute for High School Teachers of Mathematics; 10 months; \$185,150*

UNIVERSITY OF COLORADO, Boulder, Colo.; *Academic-Year Institute for High School Teachers of Science and Mathematics; 10 months; \$267,000*

HARVARD UNIVERSITY, Cambridge, Mass.; *Academic-Year Institute for High School Teachers of Science and Mathematics; 10 months; \$264,950*

UNIVERSITY OF ILLINOIS, Urbana, Ill.; *Academic-Year Institute for High School Teachers of Mathematics; 10 months; \$260,000*

IOWA STATE TEACHERS COLLEGE, Cedar Falls, Iowa; *Academic-Year Institute for High School Teachers of Science and Mathematics; 10 months; \$260,000*

UNIVERSITY OF MICHIGAN, Ann Arbor, Mich.; *Academic-Year Institute for High School Teachers of Science and Mathematics; 10 months; \$265,000*

UNIVERSITY OF NORTH CAROLINA, Chapel Hill, N. C.; *Academic-Year Institute for High School Teachers of Science and Mathematics; 10 months; \$266,800*

OHIO STATE UNIVERSITY, Columbus, Ohio; *Academic-Year Institute For High School*

Teachers of Science and Mathematics; 10 months; \$247,100

OKLAHOMA STATE UNIVERSITY, Stillwater, Okla.; *Academic-Year Institute for High School Teachers of Science and Mathematics; 10 months; \$265,000*

OREGON STATE COLLEGE, Corvallis, Oreg.; *Academic-Year Institute for High School Teachers of Science and Mathematics; 10 months; \$248,000*

PENNSYLVANIA STATE UNIVERSITY, University Park, Pa.; *Academic-Year Institute for High School Teachers of the Sciences; 10 months; \$286,000*

UNIVERSITY OF PENNSYLVANIA, Philadelphia, Pa.; *Academic-Year Institute for High School Teachers of Science and Mathematics; 10 months; \$265,500*

STATE UNIVERSITY OF SOUTH DAKOTA, Vermillion, S. Dak.; *Academic-Year Institute for High School Teachers of Science; 10 months; \$250,000*

SYRACUSE UNIVERSITY, Syracuse, N. Y.; *Academic-Year Institute for High School Teachers of Science; 10 months; \$250,050*

UNIVERSITY OF TEXAS, Austin, Texas; *Academic-Year Institute for High School Teachers of Science and Mathematics; 10 months; \$270,000*

UNIVERSITY OF UTAH, Salt Lake City, Utah; *Academic-Year Institute for High School Teachers of Science and Mathematics; 10 months; \$265,000*

UNIVERSITY OF VIRGINIA, Charlottesville, Va.; *Academic-Year Institute for High School Teachers of Science and Mathematics; 10 months; \$260,000*

WASHINGTON UNIVERSITY, St. Louis, Mo.; *Academic-Year Institute for High School Teachers of Science and Mathematics; 10 months; \$269,950*

UNIVERSITY OF WISCONSIN, Madison, Wis.; *Academic-Year Institute for High School Teachers of Science and Mathematics; 10 months; \$261,000*

In-Service Institutes

UNIVERSITY OF AKRON, Akron, Ohio; *In-Service Institute for Secondary School Teachers of Science; 10 months; \$3,900*

AMERICAN UNIVERSITY, Washington, D. C.; *In-Service Institute for Secondary School Teachers of Science and Mathematics; 10 months; \$9,040*

ANTIOCH COLLEGE, Yellow Springs, Ohio; *In-Service Institute for High School Teachers of Science and Mathematics; 10 months; \$13,060*

ARIZONA STATE COLLEGE, Tempe, Ariz.; *In-Service Institute for High School Teachers of Science and Mathematics; 10 months; \$9,740*

UNIVERSITY OF ARKANSAS, Fayetteville, Ark.; *In-Service Institute for High School and Junior High School Teachers of Mathematics; 10 months; \$5,920*

BALL STATE TEACHERS COLLEGE, Muncie, Ind.; *In-Service Institute for High School Teachers of Mathematics; 10 months; \$9,500*

BOSTON COLLEGE, Chestnut Hill, Mass.; *In-Service Institute for High School Teachers of Science and Mathematics; 10 months; \$9,200*

BOWLING GREEN STATE UNIVERSITY, Bowling Green, Ohio; *In-Service Institute for High School Teachers of Science and Mathematics*; 10 months; \$7,560

BROWN UNIVERSITY, Providence, R. I.; *In-Service Institute for High School Teachers of Science and Mathematics*; 10 months; \$8,750

BRYN MAWR COLLEGE, Bryn Mawr, Pa.; *In-Service Institute for High School Teachers of Physics*; 10 months; \$11,370

UNIVERSITY OF BUFFALO, Buffalo, N. Y.; *In-Service Institute for High School Teachers of Mathematics*; 10 months; \$6,090

UNIVERSITY OF CALIFORNIA, Berkeley, Calif.; *In-Service Institute for Secondary School Teachers of Mathematics*, at Los Angeles; 10 months; \$7,140

TEACHERS COLLEGE OF COLUMBIA UNIVERSITY, New York, N. Y.; *In-Service Institute for Teachers of Mathematics*; 10 months; \$10,080

DARTMOUTH COLLEGE, Hanover, N. H.; *In-Service Institute for High School Teachers of Chemistry and Biology*; 6 months; \$5,000

UNIVERSITY OF DENVER, Denver, Colo.; *In-Service Institute for High School Teachers of Biology, Chemistry and General Science*; 10 months; \$11,500

UNIVERSITY OF DETROIT, Detroit, Mich.; *In-Service Institute for Secondary School Teachers of Mathematics*; 10 months; \$8,750

DRAKE UNIVERSITY, Des Moines, Iowa; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 10 months; \$9,680

EMORY UNIVERSITY, Emory University, Ga.; *In-Service Institute for Secondary School Teachers of Mathematics and Sciences*; 10 months; \$13,000

EVANSVILLE COLLEGE, Evansville, Ind.; *In-Service Institute for Secondary School Teachers of Chemistry*; 10 months; \$4,380

FISK UNIVERSITY, Nashville, Tenn.; *In-Service Institute for High School Teachers of Chemistry*; 10 months; \$4,730

FORDHAM UNIVERSITY, New York, N. Y.; *In-Service Institute for High School Teachers of Mathematics*; 10 months; \$4,350

GEORGE PEABODY COLLEGE FOR TEACHERS, Nashville, Tenn.; *In-Service Institute for High School Teachers of Physics*; 10 months; \$3,860

GEORGE WASHINGTON UNIVERSITY, Washington, D. C.; *In-Service Institute for High School Teachers of Chemistry*; 10 months; \$3,630

HAMPTON INSTITUTE, Hampton, Va.; *In-Service Institute for Secondary School Teachers of Science*; 33 weeks; \$5,000

HIRAM COLLEGE, Hiram, Ohio; *In-Service Institute for Secondary School Teachers of Mathematics*; 34 weeks; \$6,700

COLLEGE OF THE HOLY CROSS, Worcester, Mass.; *In-Service Institute for High School Teachers of Mathematics*; 10 months; \$4,400

ILLINOIS INSTITUTE OF TECHNOLOGY, Chicago, Ill.; *In-Service Institute for Secondary School Teachers of Mathematics*; 38 weeks; \$7,000

NORTHERN ILLINOIS UNIVERSITY, DeKalb, Ill.; *In-Service Institute for Secondary School Teachers of Science*; 10 months; \$7,550

IMMACULATE HEART COLLEGE, Los Angeles, Calif.; *In-Service Institute for High School Teachers of Science and Mathematics*; 38 weeks; \$7,250

INCARNATE WORD COLLEGE, San Antonio, Tex.; *In-Service Institute for High School Teachers of Biology and Chemistry*; 35 weeks; \$11,040

INDIANA STATE TEACHERS COLLEGE, Terre Haute, Ind.; *In-Service Institute for High School Teachers of Science*; 10 months; \$5,820

JOHNS HOPKINS UNIVERSITY, Baltimore, Md.; *In-Service Institute for High School Teachers of Science*; 10 months; \$9,000

KANSAS STATE TEACHERS COLLEGE, Emporia, Kans.; *In-Service Institute for Secondary School Science and Mathematics Teachers*; 10 months; \$13,500

WESTERN KENTUCKY STATE COLLEGE, Bowling Green, Ky.; *In-Service Institute for High School Teachers of Science and Mathematics*; 10 months; \$5,250

KNOX COLLEGE, Galesburg, Ill.; *In-Service Institute for Secondary School Teachers of Physics*; 10 months; \$7,300

LONG BEACH STATE COLLEGE, Long Beach, Calif.; *In-Service Institute for Secondary Teachers of Mathematics and Science*; 10 months; \$5,550

CENTENARY COLLEGE OF LOUISIANA, Shreveport, La.; *In-Service Institute for High School Teachers of Mathematics*; 10 months; \$5,350

UNIVERSITY OF LOUISVILLE, Louisville, Ky.; *In-Service Institute for High School Teachers of Mathematics*; 10 months; \$6,400

LOYOLA COLLEGE, Baltimore, Md.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 10 months; \$5,140

MARQUETTE UNIVERSITY, Milwaukee, Wis.; *In-Service Institute for Secondary School Teachers of Science*; 10 months; \$4,400

MIAMI UNIVERSITY, Oxford, Ohio; *In-Service Institute for Secondary School Teachers in the Biological Sciences*; 10 months; \$6,800

UNIVERSITY OF MIAMI, Coral Gables, Fla.; *In-Service Institute for High School Teachers of Science and Mathematics*; 10 months; \$7,250

EASTERN MICHIGAN COLLEGE, Ypsilanti, Mich.; *In-Service Institute for High School Teachers of Physics*; 10 months; \$7,540

MICHIGAN STATE UNIVERSITY OF AGRICULTURE AND APPLIED SCIENCE, East Lansing, Mich.; *In-Service Institute for High School Teachers of Science and Mathematics*; 10 months; \$5,900

UNIVERSITY OF MINNESOTA, Minneapolis, Minn.; *In-Service Institute for High School Teachers of Physics*; 10 months; \$6,000

MONTCLAIR STATE COLLEGE, Montclair, N. J.; *In-Service Institute for High School Teachers of Mathematics*; 10 months; \$6,180

MURRAY STATE COLLEGE, Murray, Ky.; *In-Service Institute for Teachers of Secondary School Science and Mathematics Teachers*; 10 months; \$6,700

UNIVERSITY OF NEW MEXICO, Albuquerque, N. Mex.; *In-Service Institute for High School Science and Mathematics Teachers*; 10 months; \$5,720

NEW YORK UNIVERSITY, New York, N. Y.; *In-Service Institute for Secondary School Teachers of Mathematics*; 10 months; \$6,900
In-Service Institute for High School Teachers of Earth Sciences; 10 months; \$5,120

STATE UNIVERSITY OF NEW YORK, Albany, N. Y.; *In-Service Institute for Secondary School Teachers of Mathematics*; 10 months; \$4,450

NORTH CAROLINA STATE COLLEGE OF AGRICULTURE AND ENGINEERING, Raleigh, N. C.; *In-Service Institute for High School Teachers of Mathematics*; 10 months; \$4,900

THE WOMAN'S COLLEGE OF THE UNIVERSITY OF NORTH CAROLINA, Greensboro, N. C.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 10 months; \$6,100

NOTRE DAME COLLEGE, St. Louis, Mo.; *In-Service Institute for Secondary School Teachers of Mathematics and Science*; 10 months; \$4,110

UNIVERSITY OF OKLAHOMA RESEARCH INSTITUTE, Norman, Okla.; *In-Service Institute for High School Teachers of Science and Mathematics*; 36 weeks; \$4,790

UNIVERSITY OF OREGON, Eugene, Oreg.; *In-Service Institute for Secondary School Mathematics Teachers*; 10 months; \$3,250

UNIVERSITY OF PITTSBURGH, Pittsburgh, Pa.; *In-Service Institute for High School Science and Mathematics Teachers*; 10 months; \$13,400

UNIVERSITY OF PUERTO RICO, Mayaguez, Puerto Rico.; *In-Service Institute for Secondary School Science and Mathematics Teachers*; 10 months; \$10,370

UNIVERSITY OF REDLANDS, Redlands, Calif.; *In-Service Institute for High School Teachers of Science*; 10 months; \$3,550

REED COLLEGE, Portland, Oreg.; *In-Service Institute for High School Teachers of Science and Mathematics*; 10 months; \$10,300

ST. AUGUSTINE'S COLLEGE, Raleigh, N. C.; *In-Service Institute for Secondary School Teachers of Mathematics*; 10 months; \$7,150

COLLEGE OF ST. THOMAS, St. Paul, Minn.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 10 months; \$11,500

SAN JOSE STATE COLLEGE, San Jose, Calif.; *In-Service Institute for High School Teachers of Science and Mathematics*; 10 months; \$9,120

UNIVERSITY OF SCRANTON, Scranton, Pa.; *In-Service Institute for High School Teachers of Science*; 10 months; \$4,210

SOUTH DAKOTA SCHOOL OF MINES AND TECHNOLOGY, Rapid City, S. Dak.; *In-Service Institute for Secondary School Teachers of Science*; 10 months; \$9,300

SOUTHEASTERN STATE COLLEGE, Durant, Okla.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 10 months; \$4,550

SOUTHERN METHODIST UNIVERSITY, Dallas, Tex.; *In-Service Institute for High School Teachers of Science and Mathematics*; 10 months; \$15,360

SOUTHERN UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE, Baton Rouge,

La.; *In-Service Institute for High School Teachers of Science*; 10 months; \$5,830

SPRING HILL COLLEGE, Spring Hill, Ala.; *In-Service Institute for High School Teachers of Science and Mathematics*; 10 months; \$5,440

STATE UNIVERSITY TEACHERS COLLEGE, Oneonta, N. Y.; *In-Service Institute for High School and Junior High School Teachers of Mathematics*; 10 months; \$5,700

TEMPLE UNIVERSITY, Philadelphia, Pa.; *In-Service Institute for Secondary School Teachers of Physics*; 10 months; \$7,000

UNIVERSITY OF TENNESSEE, Knoxville, Tenn.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 10 months; \$8,400

AGRICULTURAL AND MECHANICAL COLLEGE OF TEXAS, College Station, Tex.; *In-Service Institute for High School Teachers of Geology*; 5 months; \$3,480

UNIVERSITY OF UTAH, Salt Lake City, Utah.; *In-Service Institute for Junior and Senior High School Teachers of Mathematics*; 10 months; \$7,860

UTAH STATE UNIVERSITY, Logan, Utah.; *In-Service Institute for Secondary School Teachers of Mathematics*; 10 months; \$7,950

VILLANOVA UNIVERSITY, Villanova, Pa.; *In-Service Institute for High School Teachers of Biology*; 10 months; \$4,650

UNIVERSITY OF VIRGINIA, Charlottesville, Va.; *In-Service Institute for High School Teachers of Mathematics*; 10 months; \$4,400

STATE COLLEGE OF WASHINGTON, Pullman, Wash.; *In-Service Institute for Junior and High School Teachers of Mathematics*; 10 months; \$4,900

WAYNE STATE UNIVERSITY, Detroit, Mich.; *In-Service Institute for Secondary School Teachers of Mathematics*; 10 months; \$7,500

WILLIAM JEWELL COLLEGE, Liberty, Mo.; *In-Service Institute for Secondary School Teachers of Science*; 10 months; \$8,100

UNIVERSITY OF WISCONSIN, Madison, Wis.; *In-Service Institute for Secondary School Teachers of Mathematics and Science*; 10 months; \$12,550

WORCESTER POLYTECHNIC INSTITUTE, Worcester, Mass.; *In-service Institute for High School Teachers of Science*; 10 months; \$8,860

Summer Institutes

ADELPHI COLLEGE, Garden City, N. Y.; *Summer Institute in Radiation Biology and Chemistry for High School Teachers of Science*; 6 weeks, \$45,800

ALABAMA COLLEGE, Montevallo, Ala.; *Summer Institute for High School Teachers of Science*; 6 weeks; \$55,600

UNIVERSITY OF ALABAMA, University, Ala.; *Summer Institute for High School Teachers of Science and Mathematics*; 6 weeks; \$53,700

UNIVERSITY OF ALASKA, College, Alaska.; *Summer Institute for High School Teachers of Science and Mathematics*; 8 weeks; \$68,500

ALLEGHENY COLLEGE, Meadville, Pa.; *Summer Institute for High School Teachers of Science and Mathematics*; 8 weeks; \$58,700

AMERICAN UNIVERSITY, Washington, D. C.; *Summer Institute for High School Teachers of Chemistry and Physics*; 8 weeks; \$64,600

ANTIOCH COLLEGE, Yellow Springs, Ohio; *Summer Institute for High School Teachers of General Science*; 8 weeks; \$80,600

UNIVERSITY OF ARIZONA, Tucson, Ariz.; *Summer Institute for High School Teachers of Science and Mathematics*; 5 weeks; \$42,450

UNIVERSITY OF ARKANSAS, Fayetteville, Ark.; *Summer Institute for High School Teachers of Science and Mathematics*; 6 weeks; \$71,500

ATLANTA UNIVERSITY, Atlanta, Ga.; *Summer Institute for High School Teachers of Science and Mathematics*; 9 weeks; \$64,700

BAYLOR UNIVERSITY, Waco, Tex.; *Summer Institute in Science and Mathematics and Radiation Biology for High School Teachers of Science and Mathematics*; 8 weeks; \$73,000

BOWDOIN COLLEGE, Brunswick, Maine; *Special Summer Institute for High School Physics Teachers in the Program of the Physical Science Study Committee*; 6 weeks; \$51,550

BRIGHAM YOUNG UNIVERSITY, Provo, Utah; *Summer Institute in Radiation Biology for High School Teachers of Science*; 5 weeks; \$12,300

BROWN UNIVERSITY, Providence, R. I.; *Summer Institute for High School Teachers of Science and Mathematics*; 6 weeks; \$50,700

BUCKNELL UNIVERSITY, Lewisburg, Pa.; *Summer Institute for High School Teachers of Science and Mathematics*; 6 weeks; \$51,150

UNIVERSITY OF BUFFALO, Buffalo, N. Y.; *Summer Institute for High School Teachers of Mathematics*; 4 weeks; \$39,800

UNIVERSITY OF CALIFORNIA, Berkeley, Calif. *Summer Institute for High School Teachers of Science and Mathematics*, at Los Angeles; 6 weeks; \$74,850
Summer Institute for High School Teachers of Science; 7 weeks, \$120,550
Summer Institute in Radioactivity and Biology for High School Teachers of Sciences; 6 weeks; \$14,500

CARLETON COLLEGE, Northfield, Minn.; *Summer Institute for High School Teachers of Mathematics*; 6 weeks, \$50,650

CASE INSTITUTE OF TECHNOLOGY, Cleveland, Ohio
Summer Institute for High School Teachers of Chemistry; 6 weeks; \$53,050
Summer Institute for High School Teachers of Mathematics; 6 weeks; \$33,100

UNIVERSITY OF CHICAGO, Chicago, Ill.; *Summer Institute for High School Teachers of Mathematics*; 6 weeks; \$57,550

CLAREMONT COLLEGE, Claremont, Calif.; *Summer Institute for High School and Junior College Teachers of Biology and General Science*; \$48,550

CLARKSON COLLEGE OF TECHNOLOGY, Potsdam, N. Y.; *Summer Institute for High School Teachers of Science and Mathematics*; 8 weeks; \$66,550

COLBY COLLEGE, Waterville, Maine; *Summer Institute for High School Teachers of Science and Mathematics*; 6 weeks, \$49,400

COLORADO COLLEGE, Colorado Springs, Colo. *Summer Institute for High School Teachers of Science and Mathematics*; 8 weeks; \$73,200

Summer Institute for High School Teachers of Science; 8 weeks; \$1,000

UNIVERSITY OF COLORADO, Boulder, Colo.; *Summer Institute for High School Teachers of Science*; 6 weeks; \$45,100

UNIVERSITY OF CONNECTICUT, Storrs, Conn.; *Summer Institute in Physics for High School Teachers of Physics*; 6 weeks; \$65,450

CONVERSE COLLEGE, Spartanburg, S. C.; *Summer Institute for High School Teachers of Biology, Chemistry, and Physics*; 8 weeks; \$72,650

CORNELL UNIVERSITY, Ithaca, N. Y.; *Summer Institute in Earth Sciences for High School Teachers of Science*; 6 weeks; \$53,250

UNIVERSITY OF DELAWARE, Newark, Del.; *Summer Institute for High School Teachers of Science and Mathematics*; 6 weeks; \$19,600

UNIVERSITY OF DENVER, Denver, Colo.; *Summer Institute for High School Teachers of Science and Mathematics*; 9 weeks; \$45,500

DILLARD UNIVERSITY, New Orleans, La.; *Summer Institute for High School Teachers of Science*; 6 weeks; \$29,000

DRAKE UNIVERSITY, Des Moines, Iowa; *Summer Institute for High School Teachers of Science*; 6 weeks; \$47,100

DUKE UNIVERSITY, Durham, N. C.
Summer Institute for High School Teachers of Science and Mathematics and Elementary School Supervisors; 9 weeks; \$97,900
Summer Institute in Radiation Biology for High School Teachers of Science; 8 weeks; \$19,000

FLORIDA STATE UNIVERSITY, Tallahassee, Fla.; *Summer Institute for High School Teachers of Science and Mathematics*; 6 weeks; \$75,800

FORDHAM UNIVERSITY, New York, N. Y.; *Summer Institute for High School Teachers of Mathematics*; 6 weeks; \$47,050

UNIVERSITY OF GEORGIA, Athens, Ga.; *Summer Institute for High School Teachers of Science and Mathematics*; 6 weeks; \$47,700

HARVARD UNIVERSITY, Cambridge, Mass.; *Summer Institute in Nuclear Science and Biology for High School and College Teachers of Science*; 8 weeks; \$19,000

UNIVERSITY OF HAWAII, Honolulu, T. H.; *Summer Institute for High School Teachers of Science and Mathematics*; 8 weeks; \$90,850

HOWARD PAYNE COLLEGE, Brownwood, Tex.; *Summer Institute for High School Teachers of Science and Mathematics*; 6 weeks; \$47,550

HOWARD UNIVERSITY, Washington, D. C.; *Summer Institute in Radiation Biology for High School Teachers of Science*; 8 weeks; \$19,000

UNIVERSITY OF IDAHO, Moscow, Idaho; *Summer Institute for High School Teachers of Science and Mathematics*; 8 weeks; \$63,050

ILLINOIS WESLEYAN UNIVERSITY, Bloomington, Ill.; *Summer Institute for High School Teachers of Science and Mathematics*; 8 weeks; \$63,700

UNIVERSITY OF ILLINOIS, Urbana, Ill.; *Summer Institute for College Teachers of Geology*; 8 weeks; \$37,500

INDIANA UNIVERSITY, Bloomington, Ind.; *Summer Institute for High School Teachers of Biology*; 6 weeks; \$33,400

INTERAMERICAN UNIVERSITY OF PUERTO RICO, San German, Puerto Rico; *Summer Institute for High School Teachers of Biology and General Science*; 8 weeks; \$57,750

IOWA STATE COLLEGE OF AGRICULTURE AND MECHANIC ARTS, Ames, Iowa; *Summer Institute for High School Teachers of Science and Mathematics*; 6 weeks; \$59,200

IOWA STATE TEACHERS COLLEGE, Cedar Falls, Iowa; *Summer Institute for Junior High School Teachers of General Science*; 8 weeks; \$63,050

KANSAS STATE TEACHERS COLLEGE, Emporia, Kans.; *Summer Institute for High School Teachers of Science*; 6 weeks; \$51,900

UNIVERSITY OF KANSAS, Lawrence, Kans.; *Summer Institute for High School and College Teachers of Mathematics*; 8 weeks; \$74,700

LAFAYETTE COLLEGE, Easton, Pa.; *Summer Institute for High School Teachers of Chemistry and Physics*; 6 weeks; \$25,100

LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE, Baton Rouge, La.; *Summer Institute for High School Teachers of Science and Mathematics*; 9 weeks; \$68,300

MARQUETTE UNIVERSITY, Milwaukee, Wisc.; *Summer Institute for High School Teachers of Biology*; 6 weeks; \$43,550

UNIVERSITY OF MARYLAND, College Park, Md.; *Summer Institute for High School Teachers of Science*; 6 weeks; \$47,650

MICHIGAN STATE UNIVERSITY OF AGRICULTURE AND APPLIED SCIENCE, East Lansing, Mich.

Summer Institute for High School Science Teachers; 6 weeks; \$51,000

Summer Institute for Junior College Teachers of Science and Mathematics; 6 weeks; \$51,000

NORTHERN MICHIGAN COLLEGE, Marquette, Mich.; *Summer Institute for High School Teachers of Science and Mathematics*; 6 weeks; \$45,250

WESTERN MICHIGAN COLLEGE, Kalamazoo, Mich.; *Summer Institute for High School Teachers of Mathematics*; 6 weeks; \$48,250

UNIVERSITY OF MINNESOTA, Minneapolis, Minn.

Summer Institute for High School Teachers of Chemistry, Mathematics and Physics; 8 weeks; \$34,850

Summer Institute for High School Teachers of Science and Mathematics; 5 weeks; \$55,950

Special Summer Institute for High School Physics Teachers in the Program of the Physical Science Study Committee; 8 weeks; \$60,300

UNIVERSITY OF MISSISSIPPI, University, Miss.; *Summer Institute for High School Teachers of Science and Mathematics*; 11 weeks; \$128,350

UNIVERSITY OF MISSOURI, Columbia, Mo.; *Summer Institute for High School Teachers of Science and Mathematics*; 8 weeks; \$60,000

MONTANA STATE COLLEGE, Bozeman, Mont.; *Summer Institute for High School and College Teachers of Chemistry*; 5 weeks; \$41,400

MONTANA STATE UNIVERSITY, Missoula, Mont.; *Summer Institute in Radiation Biology and Biology for High School Teachers of Biology*; 8 weeks; \$36,100

MORGAN STATE COLLEGE, Baltimore, Md.; *Summer Institute for High School Teachers of Science and Mathematics*; 8 weeks; \$63,700

MURRAY STATE COLLEGE, Murray, Ky.; *Summer Institute for High School Teachers of Science*; 8 weeks; \$75,450

UNIVERSITY OF NEBRASKA, Lincoln, Nebr.; *Summer Institute for High School and Junior High School Teachers of Science and Mathematics*; 8 weeks; \$35,600

UNIVERSITY OF NEW HAMPSHIRE, Durham, N. H.; *Summer Institute for High School Teachers of Chemistry and Physics*; 8 weeks; \$73,350

NEW MEXICO HIGHLANDS UNIVERSITY, Las Vegas, N. Mex.; *Summer Institute for High School Teachers of Science*; 8 weeks; \$63,250

UNIVERSITY OF NEW MEXICO, Albuquerque, N. Mex.; *Summer Institute in Radiation Biology for High School Teachers of Science*; 8 weeks; \$19,000

NORTH CAROLINA COLLEGE AT DURHAM, Durham, N. C.; *Summer Institute for High School Teachers of Science and Mathematics*; 6 weeks; \$60,300

UNIVERSITY OF NORTH CAROLINA, Chapel Hill, N. C.; *Summer Institute for High School Teachers of Science and Mathematics*; 6 weeks; \$72,200

UNIVERSITY OF NORTH DAKOTA, Grand Forks, N. Dak.; *Summer Institute for High School Teachers of Science and Mathematics*; 8 weeks; \$62,300

NORTHEAST MISSOURI STATE TEACHERS COLLEGE, Kirksville, Mo.; *Summer Institute for High School Teachers of General Science*; 10 weeks; \$78,700

NORTHWESTERN STATE COLLEGE, Natchitoches, La.; *Summer Institute for High School Teachers of Biology and Chemistry*; 9 weeks; \$61,500

UNIVERSITY OF NOTRE DAME, Notre Dame, Ind.; *Summer Institute for High School Teachers of Mathematics*; 7 weeks; \$96,600

OAK RIDGE INSTITUTE OF NUCLEAR STUDIES, INC., Oak Ridge, Tenn.

Summer Institute for High School Teachers of Science and Mathematics; 4 weeks; \$31,250

Special Summer Institute for High School Teachers in the Program of the Physical Science Study Committee; 8 weeks; \$46,700

OBERLIN COLLEGE, Oberlin, Ohio; *Summer Institute for High School Teachers of Mathematics*; 8 weeks; \$79,400

OHIO UNIVERSITY, Athens, Ohio; *Summer Institute for High School Teachers of Science and Mathematics*; 6 weeks; \$60,600

OHIO WESLEYAN UNIVERSITY, Delaware, Ohio; *Summer Institute for High School Teachers of Science*; 8 weeks; \$54,000

UNIVERSITY OF OKLAHOMA, Norman, Okla.; *Summer Institute for High School Teachers of Science*; 8 weeks; \$42,500

OREGON STATE COLLEGE, Corvallis, Oreg.; *Summer Institute for College Teachers of Biology*; 6 weeks; \$48,450

Summer Institute for High School Teachers of Science and Mathematics; 8 weeks; \$63,500

UNIVERSITY OF OREGON, Eugene, Oreg.; *Summer Institute for College Teachers of Biology*; 8 weeks; \$29,000

PENNSYLVANIA STATE UNIVERSITY, University Park, Pa.; *Summer Institute for High School Teachers of Science*; 6 weeks; \$49,300

PRINCETON UNIVERSITY, Princeton, N. J.; *Summer Institute for High School Teachers of Chemistry*; 6 weeks; \$7,500

UNIVERSITY OF PUERTO RICO, Rio Piedras, Puerto Rico; *Summer Institute for High School Teachers of Science and Mathematics*; 6 weeks; \$52,650

PURDUE RESEARCH FOUNDATION, Lafayette, Ind.; *Summer Institute in Biology and Radiation Biology for High School Teachers of Science*; 8 weeks; \$80,100

RANDOLPH-MACON WOMAN'S COLLEGE, Lynchburg, Va.; *Summer Institute for High School Teachers of Science and Mathematics*; 6 weeks; \$60,450

REED COLLEGE, Portland, Oreg.; *Special Summer Institute for High School Physics Teachers in the Program of the Physical Science Study Committee*; 7 weeks; \$47,000

RENSELAER POLYTECHNIC INSTITUTE, Troy, N. Y.; *Summer Institute for High School Teachers of Science*; 8 weeks; \$110,250

RIPON COLLEGE, Ripon, Wisc.; *Summer Institute for High School Teachers of Science and Mathematics*; 6 weeks; \$33,500

RUTGERS, The State University, New Brunswick, N. J.; *Summer Institute for High School Teachers of Mathematics*; 6 weeks; \$50,000

ST. LOUIS UNIVERSITY, St. Louis, Mo.; *Summer Institute for High School Teachers of Chemistry*; 6 weeks; \$27,800

SAN JOSE STATE COLLEGE, San Jose, Calif.; *Summer Institute for High School Teachers of General Science*; 6 weeks; \$46,750

SOUTH DAKOTA STATE COLLEGE, Brookings, S. Dak.; *Summer Institute for High School Teachers of Science and Mathematics*; 8 weeks; \$52,750

STATE UNIVERSITY OF SOUTH DAKOTA, Vermillion, S. Dak.; *Summer Institute for High School Teachers of Science and Mathematics*; 8 weeks; \$62,400

UNIVERSITY OF SOUTHERN CALIFORNIA, Los Angeles, Calif.; *Summer Institute for High School Teachers of Chemistry*; 6 weeks; \$41,300

SOUTHERN METHODIST UNIVERSITY, Dallas, Tex.; *Summer Institute for High School Teachers of Science and Mathematics*; 6 weeks; \$37,800

STEPHEN F. AUSTIN STATE COLLEGE, Nacogdoches, Tex.; *Summer Institute for High School Teachers of Science and Mathematics*; 6 weeks; \$52,200

STEVENS INSTITUTE OF TECHNOLOGY, Hoboken, N. J.; *Summer Institute for High School Teachers of Science*; 6 weeks; \$57,050

TENNESSEE POLYTECHNIC INSTITUTE, Cookeville, Tenn.; *Summer Institute for High School Teachers of Science and Mathematics*; 8 weeks; \$69,600

TEXAS SOUTHERN UNIVERSITY, Houston, Tex.; *Summer Institute for High School Teachers of Science and Mathematics*; 12 weeks; \$72,600

UNIVERSITY OF TEXAS, Austin, Tex.; *Summer Institute for High School Teachers of Natural Science and Mathematics*; 6 weeks; \$48,300

TUFTS UNIVERSITY, Medford, Mass.; *Summer Institute for High School Teachers of Science and Mathematics*; 6 weeks; \$49,650

TUSKEGEE INSTITUTE, Tuskegee Institute, Ala.; *Summer Institute for High School Teachers of Chemistry*; 8 weeks; \$54,300

UNION COLLEGE, Schenectady, N. Y.; *Summer Institute for High School Teachers of Science and Mathematics*; 6 weeks; \$50,250

UTAH STATE UNIVERSITY, Logan, Utah; *Summer Institute for High School Teachers of Chemistry, Physics and Mathematics*; 10 weeks; \$62,750

UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE, Burlington, Vt.; *Summer Institute for High School Teachers of Mathematics*; 7 weeks; \$57,000

VIRGINIA POLYTECHNIC INSTITUTE, Blacksburg, Va.; *Summer Institute for High School Teachers of Science*; 8 weeks; \$61,200

VIRGINIA STATE COLLEGE, Petersburg, Va.; *Summer Institute for High School Teachers of General Science*; 6 weeks; \$52,250

STATE COLLEGE OF WASHINGTON, Pullman, Wash.; *Summer Institute for High School Teachers of Science and Mathematics*; 8 weeks; \$63,900

WAYNE STATE UNIVERSITY, Detroit, Mich.; *Summer Institute in Radiation Biology for High School Teachers of Science*; 8 weeks; \$19,000

WESLEYAN UNIVERSITY, Middletown, Conn.; *Summer Institute for High School Teachers of Science and Mathematics*; 6 weeks; \$38,700

WEST VIRGINIA UNIVERSITY, Morgantown, W. Va.; *Summer Institute for High School Teachers of Science and Mathematics*; 6 weeks; \$47,450

WILLIAMS COLLEGE, Williamstown, Mass.; *Summer Institute for Junior College and College Teachers of Biology*; 6 weeks; \$41,600

UNIVERSITY OF WISCONSIN, Madison, Wisc.; *Summer Institute for High School Teachers of Mathematics*; 8 weeks; \$72,900

WORCESTER POLYTECHNIC INSTITUTE, Worcester, Mass.; *Summer Institute for High School Teachers of Physics*; 6 weeks; \$38,900

UNIVERSITY OF WYOMING, Laramie, Wyo.; *Summer Institute in Biology and Radiation Biology for High School Teachers of Biology*; 8 weeks; \$72,600

Summer Institute for High School Teachers of Mathematics; 8 weeks; \$68,100

Other

ALFRED LANDE, Ohio State University, Columbus, Ohio; *A New Approach to the Teaching of Quantum Mechanics*; 4 months; \$1,000

AMERICAN ASTRONOMICAL SOCIETY, Pasadena, Calif.

Visiting Astronomers; 1 year; \$11,025
Visiting Professors in Astronomy; 1 year; \$17,000

AMERICAN CHEMICAL SOCIETY, Washington, D. C.; *Visiting Scientists*; 1 year; \$19,550

AMERICAN INSTITUTE OF BIOLOGICAL SCIENCES, Washington, D. C.

Experimental TV-Films in Undergraduate Biology; 1 year; \$47,800

Visiting Biologists; 1 year; \$25,415

AMERICAN INSTITUTE OF PHYSICS, New York, N. Y.

Visiting Scientists Program in Physics; 1 year; \$28,900

Visiting Scientists to High Schools Program in Physics; 1 year; \$24,265

AMERICAN PHYSIOLOGICAL SOCIETY, Washington, D. C.; *Workshop on the Teaching of Undergraduate Physiology*; 10 days; \$8,155

AMERICAN SOCIETY OF ZOOLOGISTS, Chicago, Ill.; *A Refresher Course Dealing With Recent Advances in the Biology of Protozoa*; 2 days; \$3,500

BRANDEIS UNIVERSITY, Waltham, Mass.; *Brandeis University Institute in Photobiology*; 6 weeks; \$8,000

UNIVERSITY OF CALIFORNIA, Berkeley, Calif.; *Summer Conference for Teachers of Astronomy*; 6 weeks; \$20,700

CASE INSTITUTE OF TECHNOLOGY, Cleveland, Ohio; *Pilot Course in Process Instrumentation and Automatic Control for Post-High School Engineering Teachers*; 3 weeks; \$12,000

UNIVERSITY OF CHICAGO, Chicago, Ill.; *Summer Workshop for Introducing Qualified Science Students to the Field of Meteorology*; 4 weeks; \$14,400

UNIVERSITY OF COLORADO, Boulder, Colo.; *In-Service Program for Elementary School Teachers*; 32 weeks; \$1,125

COLUMBIA UNIVERSITY, New York, N. Y.; *Summer Program for Secondary School Science Teachers*; 2 months; \$19,550

CRANBROOK INSTITUTE OF SCIENCE, Bloomfield Hills, Mich.; *A Symposium on the Educational Use of Projection Planetaria*; 3 days; \$7,000

EDUCATIONAL TESTING SERVICE, Princeton, N. J.; *Horizons of Science*; 6 months; \$45,550

FLORIDA STATE UNIVERSITY, Tallahassee, Fla.; *Mathematics Summer Camp for High School Students*; 6 weeks; \$9,300

GULF COAST RESEARCH LABORATORY, Ocean Springs, Miss.; *Support for Teachers in Biology and Geology*; 8 weeks; \$8,000

INDIANA UNIVERSITY FOUNDATION, Bloomington, Ind.; *High School Science Students Institute*; 2 weeks; \$6,560

UNIVERSITY OF KANSAS, Lawrence, Kans.; *Science and Mathematics Camp*; 3 weeks; \$8,500

UNIVERSITY OF MARYLAND, College Park, Md.; *A Summer Institute on Junior High School Mathematics*; 4 weeks; \$20,000

MASSACHUSETTS INSTITUTE OF TECHNOLOGY, Cambridge, Mass.

Curriculum Workshop in Electrical Engineering Education; 10 days; \$7,500

The Teaching of Physical Science in the Secondary Schools; 1 year; \$500,000

MATHEMATICAL ASSOCIATION OF AMERICA, Buffalo, N. Y.

Production of Films for Improving Colleague Mathematical Instruction; 2 years; \$49,000

A Pilot Program of Visiting Lectureships to Secondary Schools; 2 years; \$47,700

Program Review and Action Planning Meeting; 6 weeks; \$7,500

MEDICAL COLLEGE OF VIRGINIA, Richmond, Va.; *Research Activities and Science Teaching in the Undergraduate Institutions of Virginia*; 2 days; \$5,650

UNIVERSITY OF MICHIGAN, Ann Arbor, Mich.; *Conference on the Teaching of Physics in the High Schools*; 5 days; \$5,750

NATIONAL ACADEMY OF SCIENCES—NATIONAL RESEARCH COUNCIL, Washington, D. C.

Completion of the Preparation of a Number of Publications for Biologists; 7 months; \$16,675

Prototype Poster Exhibit; 6 months; \$25,000

NATIONAL BUREAU OF STANDARDS, Washington, D. C.; *Training Program in Numerical Analysis for Senior University Staff*; 4 months; \$63,600

NATIONAL SCIENCE TEACHERS ASSOCIATION, Washington, D. C.; *Exploratory Conference on Science in the Elementary School*; 3 days; \$4,860

OAK RIDGE INSTITUTE OF NUCLEAR STUDIES, INC., Oak Ridge, Tenn.; *Program of Assistance to Science Teaching in Secondary Schools*; 1 year; \$116,025

OHIO ACADEMY OF SCIENCE, Akron, Ohio; *A Symposium on Trends in the Teaching of College General Chemistry*; 3 days; \$400

OKLAHOMA STATE UNIVERSITY, Stillwater, Okla.; *Symposia in Conjunction With the Southern Regional Graduate Summer Session in Statistics*; 6 weeks; \$5,300

UNIVERSITY OF OREGON, Eugene, Oreg.; *Workshop for High School Science and Mathematics Teachers*; 1 year; \$2,210

UNIVERSITY OF PUERTO RICO, Rio Piedras, Puerto Rico; *Combined Twelve-Month In-Service and Summer Institute for High School Teachers of Science and Mathematics*; 49 weeks; \$72,900

PURDUE UNIVERSITY, Lafayette, Ind.; *Improvement and Analysis of a Master's Program To Prepare Retiring Military Officers To Teach Basic Courses in Mathematics in Colleges and Universities*; 1 year; \$7,000

ROCHESTER INSTITUTE OF TECHNOLOGY, Rochester, N. Y.; *Follow-Up Survey of Graduates of Rochester Institute of Technology*; 6 months; \$800

UNIVERSITY OF ROCHESTER, Rochester, N. Y.; *A Summer Science Workshop for Elementary School Teachers-Coordinators*; 6 weeks; \$45,000

SCIENCE SERVICE, Washington, D. C.; *Science Clubs of America*; 1 year; \$25,000

WALDEMAR MEDICAL RESEARCH FOUNDATION, INC., Port Washington, N. Y.; *An Experimental Program To Supplement the Training of High School Students in the Biological Sciences*; 3 months; \$7,600

WESLEYAN UNIVERSITY, Middletown, Conn.; *Conference for the Examination of New or Modified Approaches to the Teaching of Chemistry*; 10 days; \$15,675

WESTERN SOCIETY OF ENGINEERS, Chicago, Ill.; *National Conference on Problems of Higher Education in Science and Engineering*; 3 days; \$6,050

UNIVERSITY OF WISCONSIN, Madison, Wis.; *A Demonstration Class for Eighth Grade Students To Be Held in Connection With the National Science Foundation Summer Institute*; 6 weeks; \$500

YALE UNIVERSITY, New Haven, Conn.; *School Mathematics Study Group*; 1 year; \$100,000

THE PRESIDENT'S COMMITTEE ON SCIENTISTS AND ENGINEERS

NATIONAL ACADEMY OF SCIENCES—NATIONAL RESEARCH COUNCIL, Washington, D. C.; Howard L. Bevis, Chairman; *The President's Committee on Scientists and Engineers*; 11 months; \$120,000

POLICY STUDIES

UNIVERSITY OF CHICAGO, Chicago, Ill.; *Survey of Research Potential and Training in the Mathematical Sciences*; 18 months; \$2,500

UNIVERSITY OF NORTH CAROLINA, Chapel Hill, N. C.; *Editing, Printing and Distribution of Six Final Reports and a Summary Report of a Study of Scientific Activities in Six State Governments*; 10 months; \$7,000

SCIENTIFIC MANPOWER

AMERICAN INSTITUTE OF BIOLOGICAL SCIENCES, Washington, D. C.; *Maintaining the National Register of Scientific and Technical Personnel in the Field of Biology*; 1 year; \$34,500

AMERICAN INSTITUTE OF PHYSICS, New York, N. Y.; *Maintaining the National Register of Scientific and Technical Personnel in the Fields of Physics and Astronomy*; 9 months; \$15,000

AMERICAN PSYCHOLOGICAL ASSOCIATION, Washington, D. C.; *National Register of Scientific and Technical Personnel in Psychology*; 2 years; \$6,350

ENGINEERS JOINT COUNCIL, New York, N. Y.; *Maintaining the National Register of Scientific and Technical Personnel in the Field of Engineering*; 1 year; \$20,000

NATIONAL ACADEMY OF SCIENCES—NATIONAL RESEARCH COUNCIL, Washington, D. C.

Maintaining the National Register of Scientific and Technical Personnel in the Earth Sciences; 1 year; \$24,000

Doctorate Survey; 6 months; \$6,776

ATTENDANCE AT INTERNATIONAL MEETINGS

Annual Meeting Commission on Education of International Institute of Refrigeration, Paris, France: W. R. WOOLRICH, University of Texas, Austin, Tex.

Australian and New Zealand Association for the Advance of Science Symposium on Wood

Anatomy, Adelaide, Australia; F. M. SCOTT, University of California, Los Angeles, Calif.

Commission on Proteins of the International Union of Pure and Applied Chemistry, Vienna, Austria:

H. NEURATH, University of Washington, Seattle, Wash.

J. W. WILLIAMS, University of Wisconsin, Madison, Wis.

Conference on Interactions in Ionic Solutions, Oxford, England:

H. S. FRANK, University of Pittsburgh, Pittsburgh, Pa.

W. R. GILKERSON, University of South Carolina, Columbia, S. C.

H. S. HARNED, Sterling Chemistry Laboratory, New Haven, Conn.

Conference on Magnetism, Grenoble, France: R. M. BOZORTH, Bell Telephone Laboratories, Inc., Murray Hill, N. J.

Conference on Physical Problems of Atomic and Molecular Spectroscopy, Moscow, Russia: G. H. DIEKE, Johns Hopkins University, Baltimore, Md.

Configurations and Interactions of Macromolecules and Liquid Crystals, London, England: S. A. RICE, University of Chicago, Chicago, Ill.

Cryogenic Physics Meeting of International Institute of Refrigeration, Delft, Netherlands: F. G. BRICKWEDDE, Pennsylvania State University, University Park, Pa.

Eighth Annual International Conference on High Energy Physics, Geneva, Switzerland:

R. P. FEYNMAN, California Institute of Technology, Pasadena, Calif.

A. KLEIN, University of Pennsylvania, Philadelphia, Pa.

J. SCHWINGER, Harvard University, Cambridge, Mass.

C. N. YANG, Institute for Advanced Study, Princeton, N. J.

Enzyme Commission of the International Union of Biochemistry, Vienna, Austria: A. L. LEHNINGER, Johns Hopkins School of Medicine, Baltimore, Md.

Fifteenth International Zoological Congress, London, England; E. G. BUTLER, Princeton, University, Princeton, N. J.

Fifth Congress of the International Association of Quaternary Research, Madrid-Barcelona, Spain:

C. EMILIANI, University of Miami, Coral Gables, Fla.

J. B. GRIFFIN, University of Michigan, Ann Arbor, Mich.

E. B. LEOPOLD, U. S. Geological Survey, Denver, Colo.

H. E. WRIGHT, Jr., University of Minnesota, Minneapolis, Minn.

First International Conference for Insect Pathology and Biological Control, Prague, Czechoslovakia: E. A. STEINHAUS, University of California, Berkeley, Calif.

First International Congress of the Society of Bioclimatology and Biometeorology, Vienna, Austria:

N. L. MINTZ, Brandeis University, Waltham, Mass.

T. L. NOFFSINGER, Purdue University, Lafayette, Ind.

R. B. PLATT, Emory University, Emory University, Ga.

Fourth International Conference on Soil Mechanics and Foundation Engineering, London, England:

A. R. JUMIKIS, Rutgers. The State University, New Brunswick, N. J.

G. A. LEONARDS, Purdue University, Lafayette, Ind.

R. B. PECK, University of Illinois, Urbana, Ill.

Fourth International Congress of Biochemistry, Vienna, Austria: AMERICAN CHEMICAL SOCIETY, Philadelphia, Pa. (American Biochemists)

Fourth International Ethological Conference, Freiburg, Germany:

F. A. BEACH, Yale University, New Haven, Conn.

K. D. ROEDER, Tufts University, Medford, Mass.

General Assembly of the International Union of Pure and Applied Physics, Rome Italy.

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

R. B. BRODE, University of California, Berkeley, Calif.

H. H. NIELSEN, Ohio State University, Columbus, Ohio.

J. H. VAN VLECK, Harvard University, Cambridge, Mass.

International Association of Limnology, Venice, Italy: J. HEDGPETH, College of the Pacific, Marin County, Calif.

International Commission for the Nomenclature of Cultivated Plants, London, England: M. G. WEISS, U. S. Department of Agriculture, Beltsville, Md.

International Conference on Coordination Compounds, Rome, Italy:

J. C. BAILLAR, JR., University of Illinois, Urbana, Ill.

F. BASOLO, Northwestern University, Evanston, Ill.

International Conference on Elementary Particles, Padua, Italy:

J. ASHKIN, Carnegie Institute of Technology, Pittsburgh, Pa.

H. PRIMAKOFF, Washington University, St. Louis, Mo.

International Conference of the International Pharmaceutical Federation, Brussels, Belgium: SPECIAL LIBRARIES ASSOCIATION, Squibb Institute for Medical Research, New Brunswick, N. J.

International Conference on Nuclear Structure, Rehovoth, Israel: L. WILETS, Los Alamos Scientific Laboratory, Los Alamos, N. Mex.

International Congress of Mathematicians, Edinburgh, Scotland:

A. A. ALBERT, University of Chicago, Chicago, Ill.

R. D. ANDERSON, Louisiana State University and Agricultural and Mechanical College, Baton Rouge, La.

R. H. BING, Institute for Advanced Study, Princeton, N. J.

R. BOTT, University of Michigan, Ann Arbor, Mich.

R. H. BRUCK, University of Wisconsin, Madison, Wis.

S. CHERN, University of Chicago, Chicago, Ill.

K. L. CHUNG, Syracuse University, Syracuse, N. Y.

A. CHURCH, Princeton University, Princeton, N. J.

H. F. FEHR, Columbia University, New York, N. Y.

S. H. GOULD, American Mathematical Society, Providence, R. I.

J. G. KEMENY, Hanover, N. H.

S. C. KLEENE, University of Wisconsin, Madison, Wis.

D. H. LEHMER, University of California, Berkeley, Calif.

T. MATSUSKA, Northwestern University, Evanston, Ill.

J. W. MILNER, Mathematical Institute, Oxford, England.

E. E. MOISE, University of Michigan, Ann Arbor, Mich.

M. NAGATA, Harvard University, Cambridge, Mass.

J. NASH, Massachusetts Institute of Technology, Cambridge, Mass.

C. L. PERRY, Stanford Research Institute, Menlo Park, Calif.

W. RUBIN, University of Rochester, Rochester, N. Y.

M. M. SCHIFFER, University of Amsterdam, Amsterdam, Holland.

E. H. SPANIER, University of Chicago, Chicago, Ill.

A. TARSKI, University of California, Berkeley, Calif.

W. J. TRJITZNSKY, University of Illinois, Urbana, Ill.

H. C. WANG, Northwestern University, Evanston, Ill.

J. WOLFOWITZ, Cornell University, Ithaca, N. Y.

O. ZABRISKI, Harvard University, Cambridge, Mass.

International Federation of Electron Microscope Societies, Berlin, Germany:

T. F. ANDERSON, Maloney Clinic, Philadelphia, Pa.

C. MORGAN, Columbia University, New York, N. Y.

E. MUELLER, Pennsylvania State University, University Park, Pa.

K. R. PORTER, The Rockefeller Institute, New York, N. Y.

F. O. SCHMITT, Massachusetts Institute of Technology, Cambridge, Mass.

H. SWIFT, University of Chicago, Chicago, Ill.

J. H. L. WATSON, Edsel B. Ford Institute for Medical Research, Henry Ford Hospital, Detroit, Mich.

International Geographical Union Regional Conference, Tokyo, Japan:

W. G. MCINTIRE, Louisiana State University and Agricultural and Mechanical College, Baton Rouge, La.

G. B. CRESSEY, Syracuse University, Syracuse, N. Y.

International Institute of Refrigeration, Moscow, Russia: C. F. KAYAN, Columbia University, New York, N. Y.

International Institute of Welding, Vienna, Austria: R. D. STOUT, Lehigh University, Bethlehem, Pa.

International Symposium on Atmospheric Diffusion and Air Pollution, Oxford England:

H. E. CRAMER, Massachusetts Institute of Technology, Round Hill Field Station, South Dartmouth, Mass.

A. J. HAAGEN-SMIT, California Institute of Technology, Pasadena, Calif.

- International Symposium on Macromolecular Chemistry, Prague, Czechoslovakia :
H. MORAWETZ, Polytechnic Institute of Brooklyn, Brooklyn, N. Y.
R. SIMHA, New York University, New York, N. Y.
R. S. STEIN, University of Massachusetts, Amherst, Mass.
- International Symposium on Passivity, Darmstadt, Germany :
N. HACKERMAN, University of Texas, Austin, Tex.
H. H. UHLIG, Massachusetts Institute of Technology, Cambridge, Mass.
- Kamerlingh Onnes Conference in Low Temperature Physics, Leiden, Netherlands :
R. M. BOZORTH, Bell Telephone Laboratories, Inc., Murray Hill, N. J.
F. G. BRICKWEDDE, Pennsylvania State University, University Park, Pa.
L. N. COOPER, Ohio State University, Columbus, Ohio.
R. P. FEYNMEN, California Institute of Technology, Pasadena, Calif.
E. F. HAMMEL, Jr., Los Alamos Scientific Laboratory, Los Alamos, N. Mex.
- Meeting of Commission on National Atlases of the International Geographical Union, Moscow, Russia : **C. P. BARNES**, U. S. Department of Agriculture, Washington, D. C.
- Meeting of Joint Commission on Spectroscopy, Moscow, Russia : **R. S. MULLIKIN**, University of Chicago, Chicago, Ill.
- Ninth International Astronautical Congress, Amsterdam, Holland : **A. MIELE**, Purdue University, Lafayette, Ind.
- Ninth Pacific Science Congress, Bangkok, Thailand :
T. P. BANK, II, University of Michigan, Ann Arbor, Mich.
M. R. BRITTAN, Sacramento State College, Sacramento, Calif.
F. E. EGLER, Aton Forest, Norfolk, Conn.
G. W. GRACE, Yale University, New Haven, Conn.
J. H. JOHNSON, Colorado School of Mines, Golden, Colo.
H. POPENOE, University of Florida, Gainesville, Fla.
P. C. SILVA, University of Illinois, Urbana, Ill.
H. S. SWINGLE, Alabama Polytechnic Institute, Auburn, Ala.
I. B. TAEUBER, Hyattsville, Md.
- Occipital Lobe Function, Freiburg, Germany : **H. TEUBER**, New York University of Medicine, New York, N. Y.
- Seventh International Congress of Microbiology, Stockholm, Sweden : **AMERICAN INSTITUTE OF BIOLOGICAL SCIENCES**, Washington, D. C. (partial support of 16-20 American microbiologists).
- Sixth International Conference on Low Temperature Physics, Leiden, Netherlands : **C. F. SQUIRE**, Rice Institute, Houston, Tex.
- Solvay Conference, Brussels, Belgium :
A. R. SANDAGE, Carnegie Institution of Washington, Pasadena, Calif.
H. SHAPLEY, Harvard University, Cambridge, Mass.
- Special Session of the International Statistical Institute, Brussels, Belgium :
G. M. COX, North Carolina State College of Agriculture and Engineering, Raleigh, N. C.
B. B. DAY, Washington, D. C.
- Summer School on Information Theory, Varenna, Italy :
J. W. LEE, Massachusetts Institute of Technology, Cambridge, Mass.
E. B. NEWMAN, Harvard University, Cambridge, Mass.
- Symposium on Microchemistry, Birmingham, England :
A. A. BENEDETTI-PICHLER, Queens College, Flushing, N. Y.
F. J. WELCHER, Indiana University, Bloomington, Ind.
P. W. WEST, Louisiana State University and Agricultural and Mechanical College, Baton Rouge, La.
- Symposium on Rarefied Gas Dynamics, Nice, France : **M. Z. v. KRZYWOBLOCKI**, University of Illinois, Urbana, Ill.
- Symposium on the Utilization of Nitrogen and its Compounds by Plants, Reading, England :
F. C. STEWARD, Cornell University, Ithaca, N. Y.
G. C. WEBSTER, Ohio State University, Columbus, Ohio.
- Tenth Assembly of the International Astronomical Union, Moscow, Russia :
L. H. ALLER, University of Michigan, Ann Arbor, Mich.
E. F. CARPENTER, University of Arizona, Tucson, Ariz.
T. GOLD, Harvard College Observatory, Cambridge, Mass.
G. E. KRON, University of California, Mt. Hamilton, Calif.
G. P. KUIPER, Yerkes Observatory, Williams Bay, Wis.
D. LAYZER, Harvard College Observatory, Cambridge, Mass.
J. NEYMAN, Statistical Laboratory, Cambridge, England.
E. K. RABE, Cincinnati Observatory, Cincinnati, Ohio.
W. O. ROBERTS, University of Colorado, Boulder, Colo.
M. SCHWARZSCHILD, Princeton University Observatory, Princeton, N. J.
C. K. SEYFERT, Vanderbilt University, Nashville, Tenn.
P. VAN DE KAMP, Swarthmore College, Swarthmore, Pa.
- Third International Congress on Prestressing, Berlin, Germany : **T. Y. LIN**, University of California, Berkeley, Calif.
- Thirtieth Session of the International Statistical Institute, Stockholm, Sweden :
J. CORNFIELD, National Institutes of Health, Bethesda, Md. :
J. H. CUMBERLAND, University of Maryland, College Park, Md.
E. LUKACS, Catholic University of America, Washington, D. C.
- Thirty-Third International Congress of Americanists, San Jose, Costa Rica :
M. S. EDMONDSON, Tulane University of Louisiana, New Orleans, La.
D. W. LATHRAP, Harvard University, Cambridge, Mass.
E. B. RICKETSON, Tulane University of Louisiana, New Orleans, La.
P. B. TAYLOR, JR., Tulane University of Louisiana, New Orleans, La.

Twelfth Annual Congress of the International Science Film Association, Moscow, Russia: R. H. WHALEY, National Academy of Sciences—National Research Council, Washington, D. C.

Twelfth International Ornithological Congress, Helsinki, Finland:

P. H. BALDWIN, Colorado State University, Fort Collins, Colo.

D. S. FARNER, State College of Washington, Pullman, Wash.

M. H. MOYNIHAN, Smithsonian Institution, Washington, D. C.

R. S. PALMER, New York State Museum and Science Service, Albany, N. Y.

C. G. SIBLEY, Cornell University, Ithaca, N. Y.

A. WOLFSON, Northwestern University, Evanston, Ill.

Twenty-Third Annual Conference of the International Federation for Documentation, Paris, France: H. H. HENKLE, John Crerar Library, Chicago, Ill.

Visit to the Institute of Ophthalmology in London, England: R. G. JAMES, State University of Iowa, Iowa City, Iowa.

Visit to the Soviet Academy of Construction and Architecture; Research Laboratories; Moscow State University, Moscow, Russia: B. BRESLER, University of California, Berkeley, Calif.

Visit to Two Scientific Meetings in Europe, and a Report on Public Information Procedures: S. S. NEGUS, Medical College of Virginia, Richmond, Va.

SCIENTIFIC INFORMATION EXCHANGE

GILBERT W. KING, International Business Machines Corporation, Yorktown Heights, N. Y.; *Visits to the Cambridge Language Research Unit at Cambridge, England, and Other Centers of Research in Information Retrieval in London and Paris (Beginning February 9, 1958)*; 2 weeks; \$770

HERBERT B. WEAVER, University of Hawaii, Honolulu, T. H.; *Travel and Subsistence Expenses in Connection With Visits to Psychological Laboratories and Research Facilities*; 5 months; \$1,700

ACTA METALLURGICA, Schenectady, N. Y.; *English Editions of Two Russian Journals: The Physics of Metals and Metallography and The Journal of Abstracts—Metallurgy*; 1 year; \$23,710

UNIVERSITY OF ALASKA, College, Alaska; *Traveling and Subsistence Expenses in Connection With Visits to Biological Laboratories and Research Facilities of the University of Alaska*; 3 months; \$2,500

AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE, Washington, D. C.; *Participation and Administration of the National Science Foundation Colloquia Series*; 2 years; \$4,000

AMERICAN ASTRONOMICAL SOCIETY, Pasadena, Calif.

Publication of the Astronomical Journal; 3 years; \$15,000

Supplements to the Astrophysical Journal; 3 years; \$7,500

AMERICAN CERAMIC SOCIETY, Columbus, Ohio; *Translation and Publication of the Proceedings of the Symposium on the Struc-*

ture of Glass Held in Leningrad, November 23–27, 1953; 1 year; \$7,000

AMERICAN INSTITUTE OF BIOLOGICAL SCIENCES, Washington, D. C.

An English Edition of the Russian Journal Soil Science; 1 year; \$36,575

An English Edition of the Russian Proceedings of the Academy of Sciences of the USSR—Biochemistry Section; 1 year; \$15,050

English Editions of Three Russian Journals: Microbiology, Plant Physiology, and Doklady (Biological Sciences and Botanical Science Sections); 1 year; \$13,170

Information on Biological Research and Publications in the USSR; 1 month; \$9,175

Preparation of a Supplement to the Bibliography of Eastern Asiatic Botany, by E. D. Merrill and E. H. Walker; 1 year; \$28,266

Publication of an English Translation Manuscript of a Russian Monograph, X-rays and Plants, by L. P. Breslavets; 6 months; \$7,370

Publication of an English Translation Manuscript of Arachnida, Vol. IV, No. 2, Fauna of the USSR, by B. I. Pomerantzev; 6 months; \$10,300

Publication of an English Translation Manuscript of Arachnoidea, Vol. VI, No. 1, Fauna of the USSR; 6 months; \$7,230

Style Manual for Biological Journals; 2 years; \$11,500

The Translation and Publication of a Russian Monograph, Problems in the Classification of Antagonists of Actinomycetes, by G. F. Gause; 6 months; \$6,320

AMERICAN INSTITUTE OF PHYSICS, New York, N. Y.

The Journal of Chemical Physics; 1 year; \$35,000

English Editions of the Russian Publications: Journal of Technical Physics, Doklady (Physics Section) and Journal of Acoustics; 1 year; \$37,500

An English Edition of the Russian Journal Crystallography; 1 year; \$19,000

An English Edition of the Russian Astronomical Journal; 6 months; \$19,900

Study of the Physics Publishing Problem; 18 months; \$29,700

AMERICAN MATHEMATICAL SOCIETY, Providence, R. I.

For Preparing and Distributing Selected Translations of Russian Mathematics Articles; 1 year; \$24,587

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AMERICAN PHYSICAL SOCIETY, Charlottesville, Va.; *Establish an Experimental Type of Journal for Rapid Publication of Physics Research*; 6 months; \$21,000

AMERICAN PHYTOPATHOLOGICAL SOCIETY, Bloomington, Ind.; *50th Anniversary Volume of Reviews of Phytopathology*; 2 years; \$22,250

AMERICAN SOCIETY OF MECHANICAL ENGINEERS, New York, N. Y.; *Translation and Publication of the Russian Journal of Applied Mathematics and Mechanics*; 1 year; \$35,000

AMERICAN SOCIETY OF PARASITOLOGISTS, Galesburg, Ill.; *Cumulative Index to Volumes 26–40 of The Journal of Parasitology*; 18 months; \$3,410

- ASTRONOMICAL LEAGUE, Washington, D. C.; *Proceedings of the 1956 General Convention of the Astronomical League*; \$300
- BIOLOGICAL ABSTRACTS, Philadelphia, Pa.; *The Coverage of the Botanical Literature by Abstracting and Indexing Services*; 4 months; \$2,550
- BROOKLYN COLLEGE, Brooklyn, N. Y.; *Sociological Abstracts*; 1 year; \$5,000
- UNIVERSITY OF CALIFORNIA, Berkeley, Calif. *Preparation of an Index Catalogue of Double Stars*; 1 year; \$6,200
World Bibliography of Fossil Vertebrates and Paleolithic Anthropology, Volume 6; 2 years; \$5,900
- CAMBRIDGE LANGUAGE RESEARCH UNIT TRUST, Cambridge, England; *Research on New Logico-Mathematical Methods for the Analysis of Languages for Machine Translation*; 1 year; \$33,000
- CASE INSTITUTE OF TECHNOLOGY, Cleveland, Ohio; *Operations Research in the Area of Scientific Communication*; 1 year; \$24,100
- UNIVERSITY OF CHICAGO, Chicago, Ill.; *Translation of the Economic Atlas of Japan*; 1 year; \$7,000
- DEPAUW UNIVERSITY, Greencastle, Ind.; *Publication of a Monograph of the Fontinalaceae*; 3 years; \$3,700
- GEOCHEMICAL SOCIETY, Madison, Wis.; *An English Edition of the Russian Journal Geochemistry*; 1 year; \$15,000
- GEOCHEMICAL SOCIETY, Washington, D. C.; *Translation and Publication of Two Russian Books in Geochemistry: Physico-Chemical Principles of Paragenesis of Minerals, by D. S. Korzhinsky, and The Geochemistry of Rare and Dispersed Elements in Soils, by A. P. Vinogradov*; 1 year; \$10,780
- GEORGE WASHINGTON UNIVERSITY, Washington, D. C.; *New Coordinate Indexing Method of Bound Book Form Bibliographies*; 1 year; \$14,000
- GEORGETOWN UNIVERSITY, Washington, D. C.; *Mechanical Translation*; 1 year; \$186,600
- HARVARD UNIVERSITY, Cambridge, Mass. *Research on Automatic Translation of Russian into English*; 6 months; \$29,150
Research on Automatic Translation of Russian Into English; 4 months; \$26,200
Processing of Ethnographic Film Data; 2 years; \$19,500
- INSTRUMENT SOCIETY OF AMERICA, Pittsburgh, Pa.; *English Editions of Three Russian Journals: Instruments and Experimental Techniques, Measurement Techniques, and Factory Laboratory*; 1 year; \$93,500
- INTERNATIONAL ASSOCIATION FOR PLANT TAXONOMY, Cambridge Mass.; *Revision of List of Nomina Conservanda in the International Code of Botanical Nomenclature*; 1 year; \$1,300
- INTERNATIONAL COUNCIL OF SCIENTIFIC UNIONS, London, England; *International Abstracting Board*; 1 year; \$7,250
- INTERNATIONAL GEOGRAPHICAL UNION, Washington, D. C.; *Geographical Conversion Tables*; 1 year; \$6,100
- JOSIAH MACY, JR., FOUNDATION, New York, N. Y.; *First Conference on the Central Nervous Systems and Behavior*; 1 year; \$15,000
- LIBRARY OF CONGRESS, Washington, D. C. *Publication of a Selected Bibliography of Japanese Serial Publications in Science and Technology*; 6 months; \$2,200
A Subject Index to the ASTIA Title Announcement Bulletin; 6 months; \$4,000
Compilation of an Accessions List of Scientific and Technical Serials of the Library of Congress; 1 year; \$5,000
Reference Center for Reports on Government-Supported Scientific Research; 1 year; \$29,600
Continuation of Preparation of a Bibliography on the International Geophysical Year, and Preparation of Index Entries for an Experimental Printed Coordinate Index to the Bibliography; 1 year; \$14,000
- LONG ISLAND BIOLOGICAL ASSOCIATION, Cold Spring Harbor, N. Y.; *The Mutants of Drosophila Melanogaster*; 2 years; \$11,300
- MASSACHUSETTS INSTITUTE OF TECHNOLOGY, Cambridge, Mass. *Information on Scientific and Engineering Publications in the USSR*; 8 weeks; \$6,030
English Editions of Three Russian Journals: Radio Engineering, Radio Engineering and Electronics, and Electro-Communications; 1 year; \$70,000
Methods of Translating Languages by Machine; 1 year; \$41,400
- MATHEMATICAL ASSOCIATION OF AMERICA, Buffalo, N. Y.; *Preliminary Study of Non-Teaching Mathematical Employment*; 4 months; \$8,000
- UNIVERSITY OF MICHIGAN, Ann Arbor, Mich.; *Manual of the Marine Algae of Tropical Eastern America*; 2 years; \$14,000
- MIDWEST INTER-LIBRARY CENTER, Chicago, Ill.; *Scientific Journals Center*; 1 year; \$22,970
- MINERALOGICAL SOCIETY OF AMERICA, Chicago, Ill.; *Index to Volumes 31-40 of The American Mineralogist*; 1 year; \$4,500
- NATIONAL ACADEMY OF SCIENCES-NATIONAL RESEARCH COUNCIL, Washington, D. C. *An English Edition of the Russian Abstract Journal: Geology Series*; 1 year; \$35,770
A Survey of Interest in and Feasibility of an International Journal of Geological Abstracts; 1 year; \$7,500
Publication of Proceedings of the Fifth National Clay Minerals Conference; 1 year; \$5,000
Planning for an International Conference on Scientific Information; 1 year; \$24,000
Publication of an International Geology Review; 1 year; \$53,545
Revision of Study on Soviet Professional Manpower in Soviet Satellites; 15 months; \$28,000
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The Office of Critical Tables; 1 year; \$48,600
Translation and Publication of Two Russian Books in the Field of Geology: Facies Studies, by D. V. Nalivkin, and Fundamental Problems in Tectonics, by V. V. Belousov; 1 year; \$41,460
- ORGANIC ELECTRONIC SPECTRAL DATA, INC., Silver Spring, Md.; *Organic Electronic Spectral Data, 1946-1955*; 1 year; \$11,750

UNIVERSITY OF PENNSYLVANIA, Philadelphia, Pa.; *Investigation of Linguistic Transformations for Information Retrieval*; 16 months; \$42,300

PRINCETON UNIVERSITY PRESS, Princeton, N. J.

Some Problems of Chemical Kinetics and Reactivity; 1 year; \$1,500

The Translation From the Russian of the Book Entitled The Problem of Stability of Nonlinear Control Systems, by Academician A. M. Letov; 6 months; \$2,000

RESEARCH INSTITUTE OF TEMPLE UNIVERSITY, Philadelphia, Pa.; *Basic Research Needs in High Temperature Science*; 6 months; \$10,000

ROBERT S. PEABODY FOUNDATION FOR ARCHAEOLOGY, Andover, Mass.; *Radiocarbon Samples and Their Dates*; 18 months; \$5,000

ROSCOE B. JACKSON MEMORIAL LABORATORY, Bar Harbor, Maine; *Subject-Strain and Gene Bibliography*; 1 year; \$5,600

RUTGERS, THE STATE UNIVERSITY, New Brunswick, N. J.; *Survey of Scientific Documentation Training Facilities*; 6 months; \$750

SMITHSONIAN INSTITUTION, Washington, D. C.

Biological Sciences Information Exchange; 1 year; \$25,000

Biological Sciences Information Exchange; 1 year; \$28,000

TULANE UNIVERSITY, New Orleans, La.; *Preparation of Handbook of Middle American Indians*; 4 years; \$140,700

SOCIETY FOR INDUSTRIAL AND APPLIED MATHEMATICS, Philadelphia, Pa.; *An English Edition of the Russian Journal Theory of Probability and Its Applications*; 18 months; \$72,240

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