

APPENDIX D

Grants Other Than Basic Research

Conferences in Support of Science

AIR FORCE OFFICE OF SCIENTIFIC RESEARCH, Washington, D.C.; *Conference on High Temperature Problems in Aeronautics*; 6 days; \$2,600

AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE, Washington, D.C.; Dr. Dael Wolfe, Executive Office; *First International Oceanographic Congress*; 1 year; \$15,000

AMERICAN GEOPHYSICAL UNION, Washington, D.C.

Waldo E. Smith, Executive Secretary; *International Symposium of Distance Measuring*; 7 days; \$4,500

Helmut Welckmann, Chairman; *Mechanisms of Precipitation Formation*; \$25,000

Problems of Modern Geodesy; 2 days; \$6,800

AMERICAN INSTITUTE OF MINING, METALLURGICAL, AND PETROLEUM ENGINEERS, New York, N.Y.

Augustus B. Kinzel; *International Symposium on the Physical Chemistry of Process Metallurgy*; 4 days; \$3,500

R. W. Shearman; *Symposium on "Observations on Dislocations"*; 5 days; \$500

Technical Conference on the Physical Metallurgy of Stress-Corrosion Fracture; 2 days; \$2,500

AMERICAN INSTITUTE OF NUTRITION, Washington, D.C.; Milton O. Lee, General Secretary; *Fifth International Congress on Nutrition*; 6 days; \$25,000

AMERICAN MATHEMATICAL SOCIETY, Providence, Rhode Island; Dr. J. H. Curtiss, Executive Director; *Symposium of Partially Ordered Sets in Lattice Theory*; 3 months; \$5,000

AMERICAN METEOROLOGICAL SOCIETY, Boston, Mass.; *Interdisciplinary Conference on Atmospheric Pollution*; 2 days; \$1,000

AMERICAN SOCIETY OF HEATING AND AIR-CONDITIONING ENGINEERS; *Annual Meeting of the American Society of Heating and Air-Conditioning Engineers*; 2 months; \$750

AMERICAN SOCIETY OF ZOOLOGISTS, DEPARTMENT OF ZOOLOGY, Stanford University, Stanford, Calif.; Dr. Victor Twitty, President; *Two Regional Developmental Biology Conferences*; 1 week; \$1,800

BOYCE THOMPSON INSTITUTE FOR PLANT RESEARCH, INC., Yonkers, N.Y.; *International Conference on Plant Growth Regulation*; 4 days; \$7,500

CALIFORNIA INSTITUTE OF TECHNOLOGY, Los Angeles, Calif.; *International Symposium on Circuit and Information Theory*; 3 days; \$1,700

UNIVERSITY OF CALIFORNIA, Berkeley, Calif.; *Fourth Berkeley Symposium on Mathematical Statistics and Probability*; 6 weeks; \$25,000

CANADIAN MATHEMATICAL CONGRESS, Queen's University, Kingston, Ontario, Canada; *Seminar in Mathematics*; 4 weeks; \$1,000

UNIVERSITY OF CINCINNATI, Cincinnati, Ohio; *Second Astrometric Conference*; 4 days; \$22,200

COLORADO SCHOOL OF MINES, Golden, Colo.; Lute J. Parkinson, Department of Mining Engineering; *Third Symposium on Rock Mechanics*; 3 days; \$2,500

UNIVERSITY OF COLORADO, Boulder, Colo.; *International Conference on Molecular Quantum Mechanics*; 1 week; \$11,900

CORNELL UNIVERSITY, Ithaca, N.Y.; Henry G. Booker; *Fluid Mechanics in the Ionosphere*; 7 days; \$12,000

ECOLOGICAL SOCIETY OF AMERICA, Chicago, Ill.; Thomas Park, Department of Zoology; *Study Committee on Ecology*; 3 years; \$24,000

ELECTROCHEMICAL SOCIETY, UNIVERSITY OF TEXAS, Austin, Tex.; *Symposium on Liquid Dielectrics*; 5 days; \$3,300

FLORIDA STATE UNIVERSITY, Tallahassee, Fla.; *Second Conference on the Nuclear Optical Model*; 2 days; \$5,600

UNIVERSITY OF FLORIDA, Gainesville, Fla.; *Symposium on Planetary Radio Astronomy*; 1 day; \$750

FORDHAM UNIVERSITY, New York, N.Y.; *Symposium on Petroleum Geochemistry*; 1 day; \$1,500

FOUNDATION FOR INSTRUMENTATION EDUCATION AND RESEARCH, New York, N.Y.; *Pilot Cross-Disciplinary Clinic on the Instrumentation Requirements for Cloud and Weather Modification*; 3 days; \$5,100

UNIVERSITY OF ILLINOIS, Urbana, Ill.; *Fourth Biennial Symposium on Animal Reproduction*; 3 days; \$2,000

KAISER FOUNDATION RESEARCH INSTITUTE, Oakland, Calif.; *Symposium on Comparative Biochemistry of Photoreceptive Pigments*; 4 days; \$3,500

LONG ISLAND BIOLOGICAL ASSOCIATION, Cold Spring Harbor, N.Y.; Dr. M. Demerec, Director; *Symposium on Quantitative Biology*; 7 days; \$6,500

MARINE BIOLOGICAL LABORATORY, Woods Hole, Mass.; *Workshop on Biological Phenomena at Submolecular Levels*; 1 year; \$10,000

UNIVERSITY OF MICHIGAN, Ann Arbor, Mich.; *Conference on Optical Pumping*; 5 days; \$4,600

UNIVERSITY OF MINNESOTA, Minneapolis, Minn.

Symposium on Radioisotopes in the Biosphere; 4 days; \$14,050

MISSOURI BOTANICAL GARDEN, St. Louis, Mo.; *Symposium on Systematics: Biogeography*; 2 days; \$1,500

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

Committee on Nuclear Science; 2 years; \$27,600

John S. Coleman; *Conference in Molecular Radiobiology*; 3 days; \$8,700

S. S. Wilks, Division of Mathematics; *The Design and Conduct of Research Programs in Weather Modification*; 3 days; \$10,000
NATIONAL ACADEMY OF SCIENCES, Washington, D.C.; *Preparation and Distribution of Chemical Compounds of Certified High Purity*; 2 days; \$3,900

NEW YORK ZOOLOGICAL SOCIETY, New York, N.Y.; Fairfield Osborn, President; *Ecology and Behavior of the Mountain Gorilla*; 2 days; \$1,000

NORTHWESTERN UNIVERSITY, Evanston, Ill.; *Midwest Conference on Theoretical Physics*; 2 days; \$1,500

OREGON STATE COLLEGE, Corvallis, Oreg.; *Symposium on Color Centers in Alkali Halides*; 3 days; \$1,000

UNIVERSITY OF PUERTO RICO, Mayaguez, P.R.; *Second Caribbean Geological Conference*; 5 days; \$8,625

UNIVERSITY OF ROCHESTER, Rochester, N.Y. *Conference on High Energy Physics*; 11 days; \$32,000

Malcolm P. Savedoff, Department of Physics; *Symposium on the Astronomical Aspects of Cosmic Rays*; 1 day; \$2,000

SOCIAL SCIENCE RESEARCH COUNCIL, New York, N.Y.; *Conference on the History of the Use of Quantitative Methods in the Sciences*; 2 days; \$10,000

SOCIETY FOR THE STUDY OF DEVELOPMENT AND GROWTH, UNIVERSITY OF PENNSYLVANIA, Philadelphia, Pa.; *Eighteenth Growth Symposium*; 1 week; \$5,000

STANFORD UNIVERSITY, Stanford, Calif. *Colloquium on Creep in Structures*; 5 days; \$9,000

Patrick Suppes; *International Congress in Logic, Methodology, and Philosophy of Science*; 9 days; \$30,000

UNIVERSITY OF THE STATE OF NEW YORK, Albany, N.Y.; William N. Fenton, New York State Museum and Science Service, Albany, N.Y.; *Systematic Museums as Resources for Basic Research*; 2 days; \$4,500

UNIVERSITY OF TEXAS, Austin, Tex.; W. Frank Blair, Department of Zoology; *Vertebrate Speciation*; 1 week; \$1,500

UNIVERSITY OF TORONTO, Toronto, Ontario, Canada

A Symposium on the Differences Among Globular Clusters; 1 day; \$3,200

George Sinclair; *Symposium on Electromagnetic Theory*; 6 days; \$10,000

U.S. ARMY ENGINEERS RESEARCH AND DEVELOPMENT LABORATORIES, Fort Belvoir, Va.; *Symposium on Image Intensification*; 2 days; \$2,200

UNIVERSITY OF WASHINGTON, Seattle, Wash.; *Conference on Plasma Physics*; 6 days; \$5,000

EDUCATION IN THE SCIENCES

Academic Year Institutes

ARIZONA STATE COLLEGE, Tempe, Ariz.; *Academic Year Institute for High School Teachers of Science and Mathematics*; 12 months; \$300,900

ATLANTA UNIVERSITY, Atlanta, Ga.; *Academic Year Institute for High School Teach-*

ers of Science and Mathematics; 10 months; \$239,500

BOSTON COLLEGE, Chestnut Hill, Mass.; *Academic Year Institute for High School Teachers of Mathematics*; 11 months; \$193,100

BROWN UNIVERSITY, Providence, R.I.; *Academic Year Institute for High School Teachers of Science and Mathematics*; 12 months; \$321,700

UNIVERSITY OF CHICAGO, Chicago, Ill.; *Summer Program in Connection with the 1958-59 Academic Year Institute*; 10 weeks; \$34,500

UNIVERSITY OF COLORADO, Boulder, Colo. *Academic Year Institute for High School Teachers of Science and Mathematics*; 12 months; \$330,000

UNIVERSITY OF GEORGIA, Athens, Ga.; *Academic Year Institute for High School Teachers of Science and Mathematics*; 12 months; \$265,900

HARVARD UNIVERSITY, Cambridge, Mass. *Academic Year Institute for High School Teachers of Science and Mathematics*; 10 months; \$280,400

Summer Program in Connection with the 1958-59 Academic Year Institute; 8 weeks; \$2,800

UNIVERSITY OF HAWAII, Honolulu, Hawaii; *Academic Year Institute for High School Teachers of Science and Mathematics*; 10 months; \$125,200

UNIVERSITY OF ILLINOIS, Urbana, Ill. *Academic Year Institute for High School and College Teachers of Mathematics*; 12 months; \$359,500

Academic Year Institute for High School Teachers of Mathematics; 8 weeks; \$274,800
IOWA STATE TEACHERS COLLEGE, Cedar Falls, Iowa

Academic Year Institute for High School Teachers of Science and Mathematics; 12 months; \$327,600

Summer Program in Connection with 1958-59 Academic Year Institute for High School Teachers of Science and Mathematics; 8 weeks; \$12,550

UNIVERSITY OF KANSAS, Lawrence, Kans.; *Academic Year Institute for High School Teachers of Mathematics*; 10 months; \$245,800

LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE, Baton Rouge, La.; *Academic Year Institute for High School Teachers of Mathematics*; 12 months; \$258,500

UNIVERSITY OF MICHIGAN, Ann Arbor, Mich. *Academic Year Institute for High School Teachers of Science and Mathematics*; 12 months; \$259,200

Summer Program in Connection with 1958-59 Academic Year Institute for High School Teachers of Science and Mathematics; 8 weeks; \$16,800

UNIVERSITY OF MINNESOTA, Minneapolis, Minn.; *Academic Year Institute for High School Teachers of Mathematics*; 12 months; \$330,200

UNIVERSITY OF NEW MEXICO, Albuquerque, N. Mex.; *Academic Year Institute for High School Teachers of Science and Mathematics*; 10 months; \$217,400

UNIVERSITY OF NORTH CAROLINA, Chapel Hill, N.C.; *Academic Year Institute for High School Teachers of Science and Mathematics*; 12 months; \$284,100

UNIVERSITY OF NORTH DAKOTA, Grand Forks, N. Dak.; *Academic Year Institute for High*

School Teachers of Science and Mathematics; 10 months; \$250,880
 UNIVERSITY OF NOTRE DAME, Notre Dame, Ind.; *Academic Year Institute for High School Teachers of Mathematics*; 12 months; \$209,900
 OHIO STATE UNIVERSITY, Columbus, Ohio
Academic Year Institute for High School Teachers of Science and Mathematics; 1 year; \$329,200
Summer Program in Connection with 1958-59 Academic Year Institute for High School Teachers of Science and Mathematics; 10 weeks; \$22,750
 OKLAHOMA STATE UNIVERSITY, Stillwater, Okla.; *Summer Program in Connection with the 1958-59 Academic Year Institute*; 9 weeks; \$8,700
 OKLAHOMA STATE UNIVERSITY OF AGRICULTURE AND APPLIED SCIENCE, Stillwater, Okla.; *Academic Year Institute for High School Teachers of Science and Mathematics*; 12 months; \$269,100
 OREGON STATE COLLEGE, Corvallis, Oreg.
Academic Year Institute for High School Teachers of Science and Mathematics; 12 months; \$273,500
Summer Program in Connection with 1958-59 Academic Year Institute for High School Teachers of Science and Mathematics; 8 weeks; \$22,850
 PENNSYLVANIA STATE UNIVERSITY, University Park, Pa.
Academic Year Institute for High School Teachers of Science and Mathematics; 10 months; \$276,300
Summer Program in Connection with 1958-59 Academic Year Institute for High School Teachers of the Sciences; 6 weeks; \$11,000
 UNIVERSITY OF PENNSYLVANIA, Philadelphia, Pa.; *Academic Year Institute for High School Teachers of Science and Mathematics*; 10 months; \$271,500
 SAN DIEGO STATE COLLEGE, San Diego, Calif.; *Academic Year Institute for High School Teachers of Mathematics*; 12 months; \$276,200
 STATE UNIVERSITY OF SOUTH DAKOTA, Vermillion, S. Dak.; *Academic Year Institute for High School Teachers of Science and Mathematics*; 12 months; \$315,000
 SYRACUSE UNIVERSITY, Syracuse, N.Y.; *Academic Year Institute for High School Teachers of Science and Mathematics*; 10 months; \$268,000
 UNIVERSITY OF TEXAS, Austin, Tex.; *Academic Year Institute for High School Teachers of Science and Mathematics*; 12 months; \$281,500
 TUSKEGEE INSTITUTE, Tuskegee, Ala.; *Academic Year Institute for High School Teachers of Science and Mathematics*; 10 months; \$230,800
 UNIVERSITY OF UTAH, Salt Lake City, Utah
Academic Year Institute for High School Teachers of Science and Mathematics; 12 months; \$300,000
Summer Program in Connection with 1958-59 Academic Year Institute for High School Teachers of Science and Mathematics; 10 weeks; \$26,100
 UNIVERSITY OF VIRGINIA, CHARLOTTESVILLE, Va.; *Academic Year Institute for High School Teachers of Science and Mathematics*; 12 months; \$278,100
 WASHINGTON UNIVERSITY, St. Louis, Mo.; *Academic Year Institute for High School*

Teachers of Science and Mathematics; 10 months; \$328,100
 UNIVERSITY OF WISCONSIN, Madison, Wis.
Academic Year Institute for High School Teachers of Science and Mathematics; 12 months; \$289,700
Summer Program in Connection with 1958-59 Academic Year Institute for High School Teachers of Science and Mathematics; 10 weeks; \$15,450
Course Content Improvement
 AMERICAN PHYSIOLOGICAL SOCIETY, Washington, D.C.; *Final Preparation of Laboratory Experiments in General Physiology*; 1 year; \$2,300
 AMERICAN PHYTOPATHOLOGICAL SOCIETY, THE UNIVERSITY OF WISCONSIN, Madison, Wis.; *Preparation of a Sourcebook of Laboratory and Field Exercises in Plant Pathology*; 18 months; \$8,500
 AMERICAN INSTITUTE OF BIOLOGICAL SCIENCES, Washington, D.C.; *Bentley Glass; Biological Sciences Curriculum Study Group*; 27 months; \$738,200
 UNIVERSITY OF ARIZONA, TUSCON, Ariz.; Edward N. Wise; *Design of an Integrated Set of Instrument Building Blocks*; 4 years; \$38,550
 ASSOCIATION OF LABORATORY TEACHERS; New York, N.Y.; Herbert Horky; *Development of Apparatus for Secondary School Science Courses*; 1 year; \$1,000
 UNIVERSITY OF CALIFORNIA, Berkeley, Calif.
Resource Book and Other Aids for Teaching Undergraduate Courses in Anthropology; 2 years; \$76,820
 L. Brewer and R. Karplus; *Study of Course Content Improvement in Elementary School Sciences*; 1 year; \$43,000
 CASE INSTITUTE OF TECHNOLOGY, Cleveland, Ohio; *Workshop on Materials in Electrical Engineering Education*; 5 days; \$22,550
 CATHOLIC UNIVERSITY OF AMERICA, Washington, D.C.; Gabriel D. Boehler; *Design and Construction of an Inexpensive Supersonic Wind Tunnel Using Surplus Materials*; 1 year; \$14,260
 CLARKE COLLEGE, Dubuque, Iowa; Sister Mary John Catherine; *Construction of Inexpensive Equipment for Undergraduate Courses in Experimental Psychology*; 1 year; \$300
 EARLHAM COLLEGE, Richmond, Ind.; Laurence E. Strong; *Study of a Central Theme for High School Chemistry*; 13 months; \$90,000
 GREATER WASHINGTON EDUCATIONAL TELEVISION ASSOCIATION, INC., Washington, D.C.; *Elementary-School Science Pilot Project*; 6 months; \$15,900
 JOHNS HOPKINS UNIVERSITY, Baltimore, Md.; John Strong; *Program to Improve and Modernize Subject-Matter Content and Instructional Materials in Optics at the College Level*; 2 years; \$27,530
 KANSAS STATE COLLEGE OF AGRICULTURE AND APPLIED SCIENCE, Manhattan, Kans.; Henry M. Neeley, Jr.; *Design and Development of Transparent Over-layer Aids for Teaching Basic Principles of Engineering Graphics*; 1 year; \$3,840
 UNIVERSITY OF MICHIGAN RESEARCH INSTITUTE, Ann Arbor, Mich.; Wilbert J. McKeachie and John E. Milholland; *Study of the Undergraduate Curriculum in Psychology*; 1 year; \$24,090

MIDWEST RESEARCH INSTITUTE, Kansas City, Mo.

Thomas I. Marx; *Development of Circulatory System Model*; 10 months; \$10,350

Thomas I. Marx; *Design and Development of Student Ophthalmoscope*; 4 months; \$1,720

UNIVERSITY OF MINNESOTA, Minneapolis, Minn.; *Teaching Resources Development Workshop Conference in Geology*; 1 year; \$43,700

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

Interdisciplinary Program on Films and Television in Science Education; 1 year; \$37,900

Sourcebook of Laboratory and Field Studies for Secondary-School Biology; 1 year; \$4,025

R. M. Whaley; *Summer Study on Fundamental Processes in Education*; 4 months; \$15,000

Teaching Resources Development Program in Geology; 2 years; \$31,280

NATIONAL SCIENCE TEACHERS ASSOCIATION, Washington, D.C.; *A Conference and Report on Science in Secondary Schools, Grades 7-12*; 6 months; \$14,000

UNIVERSITY OF NEW MEXICO, Albuquerque, N. Mex.; R. K. Moore; *Development of Kit-Style Digital Computers for Construction and Use by High School Students*; 1 year; \$20,000

NEW YORK UNIVERSITY, New York, N.Y.; *Improved Types of Christiansen Filters and a Spectrophotometer Based Upon Them*; 1 year; \$7,000

OHIO STATE UNIVERSITY, Columbus, Ohio; *Interim Planning Committee for Chemistry*; 6 months; \$11,500

PURDUE RESEARCH FOUNDATION, Lafayette, Ind.; Harold M. DeGroff; *Senior Laboratory in Aeronautical Engineering*; 6 months; \$9,310

RENSELAEER POLYTECHNIC INSTITUTE, Troy, N.Y.

Walter Eppenstein; *Development of New Visual Aids for Demonstration Lectures in Physics*; 1 year; \$5,750

Harry F. Meiners; *Development of an Electronic Planctarium and Motion Pictures on Satellite Motion and Celestial Mechanics*; 18 months; \$15,870

STANFORD UNIVERSITY, Stanford, Calif.; *Experimental Teaching of Mathematics in the Elementary School*; 2 years; \$64,680

STATE UNIVERSITY OF IOWA, Iowa City, Iowa.

R. T. Sanderson; *Development of Chemistry Teaching Aids*; 3 years; \$10,350

Production of a Filmed Lecture-Demonstration on New Models Designed as Chemistry Teaching Aids; 4 months; \$2,500

Development of Teaching Aids for Analog Computer Instruction; 1 year; \$3,690

UNIVERSITY OF VERMONT, Burlington, Vt.; Nelson L. Walbridge; *Design and Construction of Demonstration Ripple Tanks*; 1 year; \$8,720

WABASH COLLEGE, Crawfordsville, Ind.; Louis E. DeLaney; *Teaching Aids for Courses in Embryology and Comparative Anatomy*; 2 years; \$6,200

WALDEMAR MEDICAL RESEARCH FOUNDATION, INC., Port Washington, Long Island, N.Y.; Norman Molomot; *Design and Construction of Individual Laboratory Kits for High School Biology Courses*; 1 year; \$5,160

WESTERN MICHIGAN UNIVERSITY, Kalamazoo, Mich.; Haym Kruglak; *Preparation and Publication of Laboratory Test Items for College Courses in General Physics*; 1 year; \$7,130

WEST VIRGINIA UNIVERSITY, Morgantown, W. Va.; *Development of Stereomicrophotography and Other Methods for the Study of Submacroscopic Anatomy*; 1 year; \$9,000

YALE UNIVERSITY, New Haven, Conn.; E. G. Bogle; *School Mathematics Study Group*; 1 year; \$1,250,000

In-Service Institutes

UNIVERSITY OF AKRON, Akron, Ohio; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$8,830

ALABAMA COLLEGE, Montevallo, Ala.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$12,370

UNIVERSITY OF ALABAMA, University, Ala.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$28,420

ALBRIGHT COLLEGE, Reading, Pa.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 8 months; \$6,720

AMERICAN UNIVERSITY, Washington, D.C.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 10 months; \$19,840

ANTIOCH COLLEGE, Yellow Springs, Ohio; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 10 months; \$20,500

ARIZONA STATE UNIVERSITY, Tempe, Ariz.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$12,030

UNIVERSITY OF ARIZONA, Tucson, Ariz.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$5,900

BALL STATE TEACHERS COLLEGE, Muncie, Ind.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 8 months; \$10,650

BAYLOR UNIVERSITY, Waco, Tex.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$7,300

BETHANY COLLEGE, Bethany, W. Va.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$6,080

BISHOP COLLEGE, Marshall, Tex.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$14,540

BOSTON COLLEGE, Chestnut Hill, Mass. *In-Service Institutes for High School Teachers of Science and Mathematics*; 10 months; \$2,400

In-Service Institute for Secondary School Teachers of Science and Mathematics; 8 months; \$13,700

BOWDOIN COLLEGE, Brunswick, Maine; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 8 months; \$9,450

BOWLING GREEN STATE UNIVERSITY, Bowling Green, Ohio; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$12,450

BRIDGEWATER COLLEGE, Bridgewater, Va.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 8 months; \$14,710

- BRIGHAM YOUNG UNIVERSITY, Provo, Utah; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 8 months; \$4,550
- BROWN UNIVERSITY, Providence R.I.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$4,800
- BRYN MAWR COLLEGE, Bryn Mawr, Pa.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 8 months; \$10,160
- BUCKNELL UNIVERSITY, Lewisburg, Pa.
In-Service Institute for Secondary School Teachers of Science and Mathematics; 9 months; \$3,770
In-Service Institute in Biology for Elementary School Teachers; 8 months; \$4,300
- UNIVERSITY OF BUFFALO, Buffalo, N.Y.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 8 months; \$5,930
- BUTLER UNIVERSITY, Indianapolis, Ind.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$16,080
- UNIVERSITY OF CALIFORNIA, Berkeley, Calif.
In-Service Institute for Secondary School Teachers of Science and Mathematics; 8 months; \$8,190
In-Service Institute for Secondary School Teachers of Science and Mathematics; 8 months; \$7,920
In-Service Institute for Secondary School Teachers of Science and Mathematics; 8 months; \$6,030
In-Service Institute for Secondary School Teachers of Science and Mathematics; 8 months; \$4,880
- CASE INSTITUTE OF TECHNOLOGY, Cleveland, Ohio
In-Service Institute for Secondary School Teachers of Science and Mathematics; 9 months; \$9,750
In-Service Institute for Secondary School Teachers of Science and Mathematics; 9 months; \$13,510
- CENTRAL MICHIGAN COLLEGE, Mount Pleasant, Mich.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$8,600
- CENTRAL STATE COLLEGE, Edmond, Okla.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$3,680
- UNIVERSITY OF CHATTANOOGA, Chattanooga, Tenn.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$15,420
- COLORADO STATE COLLEGE, Greeley, Colo.
In-Service Institute for Secondary School Teachers of Science and Mathematics; 9 months; \$8,100
In-Service Institute for Secondary School Teachers of Science and Mathematics; 9 months; \$7,430
In-Service Institute for Secondary School Teachers of Science and Mathematics; 9 months; \$6,740
- COLORADO STATE UNIVERSITY, Fort Collins, Colo.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$3,080
- UNIVERSITY OF COLORADO, Boulder, Colo.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$3,830
- CONCORD COLLEGE, Athens, W. Va.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$9,310
- CONCORDIA COLLEGE, Moorhead, Minn.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$17,230
- UNIVERSITY OF CONNECTICUT, Storrs, Conn.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 10 months; \$20,750
- DARTMOUTH COLLEGE, Hanover, N.H.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 7 months; \$11,200
- UNIVERSITY OF DELAWARE, Newark, Del.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$5,400
- UNIVERSITY OF DETROIT, Detroit, Mich.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 10 months; \$10,450
- DRAKE UNIVERSITY, Des Moines, Iowa; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$14,830
- EASTERN MICHIGAN COLLEGE, Ypsilanti, Mich.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$6,400
- EMORY UNIVERSITY, Atlanta, Ga.
In-Service Institute in Mathematics for Elementary School Teachers; 8 months; \$7,500
In-Service Institute for Secondary School Teachers of Science and Mathematics; 9 months; \$15,680
- EVANSVILLE COLLEGE, Evansville, Ind.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$4,530
- FENN COLLEGE, Cleveland, Ohio; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 8 months; \$6,700
- FISK UNIVERSITY, Nashville, Tenn.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 8 months; \$6,240
- FLORIDA STATE UNIVERSITY, Tallahassee, Fla.
In-Service Institute for Secondary School Teachers of Science and Mathematics; 10 months; \$37,970
In-Service Institute for Secondary School Teachers of Science and Mathematics; 9 months; \$8,150
- FORDHAM UNIVERSITY, New York, N.Y.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 8 months; \$10,150
- GENEVA COLLEGE, Beaver Falls, Pa.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$10,570
- GEORGE WASHINGTON UNIVERSITY, Washington, D.C.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$3,400
- HAMPTON INSTITUTE, Hampton, Va.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$15,000
- UNIVERSITY OF HAWAII, Honolulu, Hawaii; *In-Service Institute for Secondary School*

Teachers of Science and Mathematics; 8 months; \$15,900
HIRAM COLLEGE, Hiram, Ohio; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$6,100
COLLEGE OF THE HOLY CROSS, Worcester, Mass.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 8 months; \$5,050
UNIVERSITY OF HOUSTON, Houston, Tex.; T. N. Hatfield, Chairman, Department of Physics; *In-Service Institute for High School Teachers of Science and Mathematics*; 37 weeks; \$11,960
ILLINOIS COLLEGE, Jacksonville, Ill.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 8 months; \$4,330
ILLINOIS INSTITUTE OF TECHNOLOGY, Chicago, Ill.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 8 months; \$30,500
IMMACULATA COLLEGE, Immaculata, Pa.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$10,000
IMMACULATE HEART COLLEGE, Los Angeles, Calif.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$8,520
INDIANA CENTRAL COLLEGE, Indianapolis, Ind.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$7,020
INDIANA STATE TEACHERS COLLEGE, Terre Haute, Ind.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 8 months; \$6,400
INDIANA UNIVERSITY FOUNDATION, Bloomington, Ind.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$6,680
INCARNATE WORD COLLEGE, San Antonio, Tex.; *In-Service for Secondary School Teachers of Science and Mathematics*; 9 months; \$8,950
INTER AMERICAN UNIVERSITY OF PUERTO RICO, San German, P.R.; *In-Service Institute in Sciences for Elementary School Teachers and Supervisors*; 9 months; \$20,200
JOHNS HOPKINS UNIVERSITY, Baltimore, Md.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 8 months; \$10,200
KANSAS STATE COLLEGE OF AGRICULTURE AND APPLIED SCIENCE, Manhattan, Kans.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$7,110
KANSAS STATE TEACHERS COLLEGE, Emporia, Kans.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$17,200
KANSAS STATE TEACHERS COLLEGE, Pittsburg, Kans.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$9,600
KNOX COLLEGE, Galesburg, Ill.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$6,850
KNOXVILLE COLLEGE, Knoxville, Tenn.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 8 months; \$16,040
LAKE FOREST COLLEGE, Lake Forest, Ill.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$6,800
LINCOLN UNIVERSITY, Lincoln University, Pa.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 8 months; \$9,430
LONG BEACH STATE COLLEGE, Long Beach, Calif.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$8,540
UNIVERSITY OF LOUISVILLE, Louisville, Ky.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$3,500
LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE, Baton Rouge, La.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$5,850
MANHATTAN COLLEGE, New York, N.Y.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 8 months; \$6,330
MARIAN COLLEGE, Indianapolis, Ind.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 8 months; \$3,820
MARQUETTE UNIVERSITY, Milwaukee, Wis.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$4,850
MARYGROVE COLLEGE, Detroit, Mich.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 8 months; \$5,250
UNIVERSITY OF MARYLAND, College Park, Md.; *In-Service Institute for Secondary Teachers of Science and Mathematics*; 9 months; \$15,660
MARYLHURST COLLEGE, Marylhurst, Oreg.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 8 months; \$5,180
UNIVERSITY OF MASSACHUSETTS, Amherst, Mass.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 10 months; \$28,475
MIAMI UNIVERSITY, Oxford, Ohio; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$6,130
UNIVERSITY OF MIAMI, Coral Gables, Fla.; *In-Service Institute for High School Teachers of Science and Mathematics*; 10 months; \$650
In-Service Institute for Secondary School Teachers of Science and Mathematics; 10 month; \$13,420
MICHIGAN STATE UNIVERSITY OF AGRICULTURE AND APPLIED SCIENCE, Lansing, Mich.; *In-Service Institute for High School Teachers of Science and Mathematics*; 10 months; \$1,500
In-Service Institute for Secondary School Teachers of Science and Mathematics; 9 months; \$11,900
MILWAUKEE SCHOOL OF ENGINEERING, Milwaukee, Wis.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 8 months; \$4,050
MISSISSIPPI COLLEGE, Clinton, Miss.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$28,440
MISSOURI BOTANICAL GARDEN, St. Louis, Mo.; *In-Service Institute for Secondary*

School Teachers of Science and Mathematics; 5 months; \$3,030

UNIVERSITY OF MISSOURI, Columbia, Mo.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 8 months; \$7,960

UNIVERSITY OF MISSISSIPPI, University, Miss.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$30,250

MONTANA STATE UNIVERSITY, Missoula, Mont.; *In-Service Institute in Mathematics for Elementary School Teachers and Supervisors*; 5 months; \$6,900

MONTCLAIR STATE COLLEGE, Upper Montclair, N.J.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 10 months; \$11,630

MOUNT MERCY COLLEGE, Pittsburgh, Pa.
William A. Uricchio, Chairman, Biology Department; *In-Service Institute for High School Teachers of Biology*; 10 months; \$4,950

In-Service Institute for Secondary School Teachers of Science and Mathematics; 9 months; \$6,950

In-Service Institute for Secondary School Teachers of Science and Mathematics; 9 months; \$5,000

MURRAY STATE COLLEGE, Murray, Ky.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$7,100

NEW YORK UNIVERSITY, New York, N.Y.

In-Service Institute for Secondary School Teachers of Science and Mathematics; 8 months; \$15,750

In-Service Institute for Secondary School Teachers of Science and Mathematics; 8 months; \$5,670

NORTH CAROLINA STATE COLLEGE OF AGRICULTURE AND ENGINEERING, Raleigh, N.C.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$5,200

UNIVERSITY OF NORTH CAROLINA, Chapel Hill, N.C.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$6,850

NORTHERN ILLINOIS UNIVERSITY, De Kalb, Ill.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$7,090

NORTHLAND COLLEGE, Ashland, Wis.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$8,630

NORTHWESTERN UNIVERSITY, Evanston, Ill.
In-Service Institute for Secondary School Teachers of Science and Mathematics; 9 months; \$8,760

In-Service Institute in Mathematics for Elementary School Principals and Supervisors; 4 months; \$4,400

OHIO UNIVERSITY, Athens, Ohio; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$4,330

OKLAHOMA STATE UNIVERSITY OF AGRICULTURE AND APPLIED SCIENCE, Stillwater, Okla.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$8,630

UNIVERSITY OF OKLAHOMA, Norman, Okla.
In-Service Institute for Secondary School Teachers of Science and Mathematics; 9 months; \$16,280

In-Service Institute in Biology for Elementary School Teachers and Supervisors; 9 months; \$7,700

UNIVERSITY OF OREGON, Eugene, Oreg.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 8 months; \$2,920

PACE COLLEGE, New York, N.Y.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$5,630

COLLEGE OF THE PACIFIC, Stockton, Calif.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$10,040

PAN AMERICAN COLLEGE, Edinburg, Tex.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$10,830

PENNSYLVANIA STATE UNIVERSITY, University Park, Pa.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$40,750

UNIVERSITY OF PENNSYLVANIA, Philadelphia, Pa.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$12,120

UNIVERSITY OF PITTSBURGH, Pittsburgh, Pa.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 8 months; \$27,500

PRAIRIE VIEW AGRICULTURAL AND MECHANICAL COLLEGE, Prairie View, Tex.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$13,500

UNIVERSITY OF PUERTO RICO, Rio Piedras, P.R.

Coordinated In-Service and Summer Institute for High School Teachers of Science and Mathematics; \$33,700

In-Service Institute for High School Teachers of Science and Mathematics; 9 months; \$7,100

In-Service Institute for Secondary School Teachers of Science and Mathematics; 9 months; \$10,420

COLLEGE OF PUGET SOUND, Tacoma, Wash.; Gordon D. Alcorn, Department of Biology; *In-Service Institute for Secondary School Science Teachers*; 10 months; \$3,500

PURDUE RESEARCH FOUNDATION, Lafayette, Ind.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*, 9 months; \$26,660

UNIVERSITY OF REDLANDS, Redlands, Calif.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 8 months; \$5,080

REED COLLEGE, Portland, Oreg.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$14,350

RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK, Albany, N.Y.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$13,580

RUTGERS, THE STATE UNIVERSITY, New Brunswick, N.J.

In-Service Institute for Secondary School Teachers of Science and Mathematics; 9 months; \$11,490

In-Service Institute for Secondary School Teachers of Science and Mathematics; 10 months; \$6,750

In-Service Institute in Earth Sciences for Elementary School Teachers and Supervisors; 9 months; \$6,300

SACRAMENTO STATE COLLEGE FOUNDATION, Sacramento, Calif.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$5,870

SAINT AUGUSTINE'S COLLEGE, Raleigh, N.C.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$6,640

COLLEGE OF ST. BENEDICT, St. Joseph, Minn.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$9,480

COLLEGE OF SAINT CATHERINE, St. Paul, Minn.; *In-Service Institute in Mathematics for Elementary School Teachers and Supervisors*; 8 months; \$4,100

SAINT LOUIS UNIVERSITY, St. Louis, Mo.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$7,250

SAINT NOBERT COLLEGE, West DePere, Wis.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 10 months; \$2,980

COLLEGE OF ST. THOMAS, St. Paul, Minn.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 8 months; \$11,820

ST. XAVIER COLLEGE, Chicago, Ill.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 8 months; \$5,400

SAN JOSE STATE COLLEGE, San Jose, Calif. *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$10,390

In-Service Institute for Secondary School Teachers of Science and Mathematics; 9 months; \$3,400

UNIVERSITY OF SANTA CLARA, Santa Clara, Calif.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$25,000

SARAH LAWRENCE COLLEGE, Bronxville, N.Y.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 8 months; \$8,600

UNIVERSITY OF SCRANTON, Scranton, Pa. *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$4,640

In-Service Institute for Secondary School Teachers of Science and Mathematics; 9 months; \$3,350

SHAW UNIVERSITY, Raleigh, N.C.; *In-Service Institute for Elementary School Teachers and Supervisors of Science and Mathematics*; 9 months; \$6,100

SHORTER COLLEGE, Rome, Ga.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$11,500

SOUTH DAKOTA STATE COLLEGE OF AGRICULTURE AND MECHANIC ARTS, Brookings, S. Dak.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$11,480

SOUTHERN STATE COLLEGE, Durant, Okla.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$13,150

SOUTHERN METHODIST UNIVERSITY, Dallas, Tex.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$4,900

SOUTHERN UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE, Baton Rouge, La.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$7,950

SOUTHWESTERN LOUISIANA INSTITUTE, Lafayette, La.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$21,930

SOUTHWESTERN AT MEMPHIS, Memphis, Tenn.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 8 months; \$5,430

STATE TEACHERS COLLEGE, Salem, Mass. *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 8 months; \$10,090

In-Service Institute in Mathematics for Elementary School Teachers, Supervisors, and principals; 9 months; \$3,900

STATE TEACHERS COLLEGE, Lyndon Center, Vt.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 10 months; \$7,880

STATE UNIVERSITY OF SOUTH DAKOTA, Vermillion, S. Dak.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$6,870

STEVENS INSTITUTE OF TECHNOLOGY, Hoboken, N.J.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$12,930

SYRACUSE UNIVERSITY, Syracuse, N.Y.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$16,950

TEACHERS COLLEGE, COLUMBIA UNIVERSITY, New York, N.Y.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 8 months; \$8,820

TEMPLE UNIVERSITY, Philadelphia, Pa.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$10,990

TENNESSEE AGRICULTURAL AND INDUSTRIAL STATE UNIVERSITY, Nashville, Tenn.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$10,080

TENNESSEE POLYTECHNIC INSTITUTE, Cookeville, Tenn.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$15,230

MIDDLE TENNESSEE STATE COLLEGE, Murfreesboro, Tenn.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$12,750

TEXAS WOMEN'S UNIVERSITY, Denton, Tex.; *In-Service Institute for Elementary School Teachers and Supervisors of Science and Mathematics*; 4 months; \$9,200

EAST TEXAS STATE COLLEGE, Commerce, Tex. *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$8,130

In-Service Institute for Secondary School Teachers of Science and Mathematics; 9 months; \$5,330

In-Service Institute for Secondary School Teachers of Science and Mathematics; 9 months; \$4,740

In-Service Institute for Secondary School Teachers of Science and Mathematics; 9 months; \$8,060

NORTH TEXAS STATE COLLEGE, Denton, Tex.; *In-Service Institute for Secondary School*

Teachers of Science and Mathematics; 8 months; \$5,940
 UNIVERSITY OF TOLEDO, Toledo, Ohio; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$8,580
 TOUGALOO SOUTHERN CHRISTIAN COLLEGE, Tougaloo, Miss.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 8 months; \$13,200
 UNION COLLEGE AND UNIVERSITY, Schenectady, N.Y.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$12,000
 UNIVERSITY OF UTAH, Salt Lake City, Utah; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$7,650
 UTAH STATE UNIVERSITY OF AGRICULTURE AND APPLIED SCIENCE, Logan, Utah; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$8,330
 VILLANOVA UNIVERSITY, Villanova, Pa.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$23,500
 VIRGINIA POLYTECHNIC INSTITUTE, Blacksburg, Va.; *In-Service Institute for Secondary School Teachers of Mathematics*; 9 months; \$17,970
 UNIVERSITY OF VIRGINIA, Charlottesville, Va.
In-Service Institute for Secondary School Teachers of Science and Mathematics; 9 months; \$6,150
In-Service Institute for Secondary School Teachers of Science and Mathematics; 9 months; \$6,000
In-Service Institute for Secondary School Teachers of Science and Mathematics; 9 months; \$5,850
In-Service Institute for Secondary School Teachers of Science and Mathematics; 9 months; \$5,250
In-Service Institute for Secondary School Teachers of Science and Mathematics; 9 months; \$5,150
 WASHINGTON UNIVERSITY, St. Louis, Mo.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$8,050
 WAYNE STATE UNIVERSITY, Detroit, Mich.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$8,550
In-Service Institute for Secondary School Teachers of Science and Mathematics; 8 months; \$8,460
 WESTERN KENTUCKY STATE COLLEGE, Bowling Green, Ky.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$8,630
 WESTERN MICHIGAN UNIVERSITY, Kalamazoo, Mich.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$10,750
 WHITMAN COLLEGE, Walla Walla, Wash.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$5,120
 WILKES COLLEGE, Wilkes-Barre, Pa.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$2,920
 WILLIAM JEWELL COLLEGE, Liberty, Mo.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$8,100
 WILLIAMS COLLEGE, Williamstown, Mass.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 8 months; \$7,180
 WOMAN'S COLLEGE OF THE UNIVERSITY OF NORTH CAROLINA, Greensboro, N. C.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$27,100
 WORCESTER POLYTECHNIC INSTITUTE, Worcester, Mass.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$9,500
 YALE UNIVERSITY, New Haven, Conn.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 8 months; \$11,650
 YESHIVA UNIVERSITY, New York N.Y.; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$17,680
 XAVIER UNIVERSITY, Cincinnati, Ohio; *In-Service Institute for Secondary School Teachers of Science and Mathematics*; 9 months; \$7,120

Summer Institutes
 ADELPHI COLLEGE, Garden City, N.Y.; *Summer Institute in Radiation Biology, Chemistry and Mathematics, for High School Teachers of Science*; 6 weeks; \$96,400
 AGRICULTURAL AND MECHANICAL COLLEGE OF TEXAS, College Station, Tex.
 James G. Potter, Physics Department; *Summer Institute for High School Teachers of Science and Mathematics*; 12 weeks; \$67,800
Summer Institute for High School Teachers of Science and Mathematics; 12 weeks; \$80,800
 AGRICULTURAL, MECHANICAL AND NORMAL COLLEGE, Pine Bluff, Ark.; *Summer Institute for High School Teachers of Science and Mathematics*; 5 weeks; \$26,600
 AGRICULTURAL AND TECHNICAL COLLEGE OF NORTH CAROLINA, Greensboro, N.C.; *Summer Institute for High School Teachers of Science*; 6 weeks; \$50,900
 UNIVERSITY OF ARKANSAS, Fayetteville, Ark.; *Summer Institute for High School Teachers of Science and Mathematics*; 6 weeks; \$77,000
 ALABAMA COLLEGE, Montevallo, Ala.; *Summer Institute for High School Teachers of Science*; 6 weeks; \$59,100
 ALABAMA POLYTECHNIC INSTITUTE, Auburn, Ala.; *Summer Institute for High School Teachers of Science and Mathematics*; 11 weeks; \$146,200
 UNIVERSITY OF ALABAMA, University, Ala.; *Summer Institute for High School Teachers of Science and Mathematics*; 11 weeks; \$91,500
 UNIVERSITY OF ALASKA, College, Alaska; *Summer Institute for High School Teachers of Science and Mathematics*; 8 weeks; \$72,100
 ALFRED UNIVERSITY, Alfred, N.Y.; *Summer Institute for High School Teachers of Science and Mathematics*; 6 weeks; \$43,700
 ALLEGHENY COLLEGE, Meadville, Pa.; *Summer Institute for High School Teachers of Science and Mathematics*; 8 weeks; \$77,300
 AMERICAN MATHEMATICAL SOCIETY, Providence, R. I.; *Summer Institute in Mathe-*

matics and Physics for College Teachers of Mathematics; 4 weeks; \$20,000
AMERICAN MUSEUM OF NATURAL HISTORY, New York, N.Y.; *Summer Institute for High School Teachers of Biology*; 5 weeks; \$12,300
AMERICAN UNIVERSITY, Washington, D.C.
Summer Institute for High School Teachers of Chemistry and Physics; 8 weeks; \$65,900
Summer Institute for College Teachers of Science and Mathematics; 6 weeks; \$41,100
ANTIOCH COLLEGE, Yellow Springs, Ohio; *Summer Institute for High School Teachers of Science and Mathematics*; 8 weeks; \$86,100
ARIZONA STATE COLLEGE, Flagstaff, Ariz.; *Summer Institute for High School Teachers of Science and Mathematics*; 8 weeks; \$60,000
ARIZONA STATE UNIVERSITY, Tempe, Ariz.
Summer Institute for College Teachers of Biology; 6 weeks; \$41,100
Summer Institute for High School Teachers of Mathematics; 6 weeks; \$53,300
UNIVERSITY OF ARIZONA, Tucson, Ariz.
Summer Institute for Junior High School Teachers of Mathematics; 6 weeks; \$30,100
Summer Institute for High School Teachers of Science and Mathematics; 6 weeks; \$59,700
ATLANTA UNIVERSITY, Atlanta, Ga.; *Summer Institute for High School Teachers of Science and Mathematics*; 9 weeks; \$64,300
BALDWIN-WALLACE COLLEGE, Berea, Ohio; *Summer Institute for High School Teachers of Mathematics*; 6 weeks; \$57,400
BALL STATE TEACHERS COLLEGE, Muncie, Ind.; *Summer Institute for High School and College Teachers of Mathematics*; 5 weeks; \$52,100
BAYLOR UNIVERSITY, Waco, Tex.; *Summer Institute in Radiation Biology and in Science and Mathematics for High School Teachers of Science and Mathematics*; 8 weeks; \$89,300
BENEDICT COLLEGE, Columbia, S.C.; *Summer Institute for High School Teachers of Science and Mathematics*; 6 weeks; \$50,900
BIRMINGHAM-SOUTHERN COLLEGE, Birmingham, Ala.; *Summer Institute for High School Teachers of Science and Mathematics*; 6 weeks; \$55,500
BOSTON COLLEGE, Chestnut Hill, Mass.
Stanley J. Bezuska, S.J., Department of Mathematics; *Summer Institute for High School Teachers of Mathematics*; 6 weeks; \$39,050
Summer Institute for High School Teachers of Science; 6 weeks; \$47,900
BOWDOIN COLLEGE, Brunswick, Maine
Summer Institute for High School Teachers of Biology; 6 weeks; \$35,900
Summer Institute for High School Teachers of Chemistry; 6 weeks; \$30,200
Summer Institute for High School Teachers of Mathematics; 6 weeks; \$58,500
Summer Institute for High School Teachers of Physics; 6 weeks; \$54,100
BRADLEY UNIVERSITY, Peoria, Ill.; *Summer Institute for High School Teachers of Science and Mathematics*; 6 weeks; \$43,000
BRIGHAM YOUNG UNIVERSITY, Provo, Utah
Summer Institute for High School Teachers of Physics; 6 weeks; \$50,000
Summer Institute for Junior High School Teachers of General Science; 8 weeks; \$36,400
Summer Institute in Radiation Biology for High School Teachers of Science; 8 weeks; \$20,200
BROOKLYN COLLEGE, Brooklyn, N.Y.
Samuel Borofsky, Department of Mathematics; *Summer Institute for High School Teachers of Biology*; 5 weeks; \$28,100
Samuel Borofsky, Department of Mathematics; *Summer Institute for High School Teachers of Chemistry*; 5 weeks; \$26,400
Samuel Borofsky, Department of Mathematics; *Summer Institute for High School Teachers of Mathematics*; 5 weeks; \$27,700
Samuel Borofsky, Department of Mathematics; *Summer Institute for High School Teachers of Physics*; 5 weeks; \$23,800
BROWN UNIVERSITY, Providence, R.I.; *Summer Institute for High School Teachers of Science and Mathematics*; 6 weeks; \$72,700
BUCKNELL UNIVERSITY, Lewisburg, Pa.; *Summer Institute for High School Teachers of Science and Mathematics*; 6 weeks; \$64,900
UNIVERSITY OF BUFFALO, Buffalo, N.Y.
Summer Institute for High School Teachers of Mathematics; 4 weeks; \$38,900
Summer Institute in Physics for High School Teachers of Science; 6 weeks; \$38,800
UNIVERSITY OF CALIFORNIA, Berkeley, Calif.
Summer Institute for College Teachers of Science and Mathematics; 7 weeks; \$117,600
Summer Institute for High School and College Teachers of Biology; 6 weeks; \$37,100
Summer Institute for High School and Junior College Teachers of Mathematics; 6 weeks; \$106,900
Summer Institute for High School Teachers of Science; 7 weeks; \$117,700
Summer Institute for High School Teachers of Science and Mathematics; 6 weeks; \$98,000
Summer Institute for Junior College and College Teachers of Mathematics; 8 weeks; \$64,200
Summer Institute for Junior College Teachers of Engineering; 8 weeks; \$108,100
Summer Institute in Radioactivity and Biology for High School Science Teachers; 6 weeks; \$15,400
CARLETON COLLEGE, Northfield, Minn.; *Summer Conference on Recent Advances in Analytical Chemistry for College Teachers of Chemistry*; 14 days; \$12,200
Summer Institute for High School Teachers of Science and Mathematics; 6 weeks; \$142,700
CASE INSTITUTE OF TECHNOLOGY, Cleveland, Ohio
James R. Hooper, Jr., Special Programs; *Summer Conference in Process Control Theory for College Teachers in Chemical Engineering*; 19 days; \$21,300
Summer Institute for High School Teachers of Chemistry; 6 weeks; \$54,500
Summer Institute for High School Teachers of Mathematics; 6 weeks; \$50,500
CATHOLIC UNIVERSITY OF AMERICA, Washington, D.C.
Raymond W. Moller; *Summer Institute for High School Teachers of Mathematics*; 6 weeks; \$51,900
Summer Institute for High School Teachers of Mathematics; 6 weeks; \$24,900
CATHOLIC UNIVERSITY OF PUERTO RICO, Ponce, P.R.; *Summer Institute for High*

School Teachers of Mathematics; 6 weeks; \$25,100
CENTRAL MICHIGAN COLLEGE, Mount Pleasant, Mich.; *Summer Institute for High School Teachers of Mathematics*; 6 weeks; \$49,200
UNIVERSITY OF CHATTANOOGA, Chattanooga, Tenn.; *Summer Institute for High School Teachers of Science and Mathematics*; 6 weeks; \$58,200
CHICO STATE COLLEGE, Chico, Calif.; *Summer Institute for High School Teachers of Science and Mathematics*; 6 weeks; \$56,600
UNIVERSITY OF CINCINNATI, Cincinnati, Ohio; *Summer Institute for High School Teachers of Mathematics*; 6 weeks; \$51,500
CLAREMONT COLLEGE, Claremont, Calif.; *Summer Institute in Biology for High School and Junior College Teachers of Biological Sciences*; 6 weeks; \$48,400
CLARK UNIVERSITY, Worcester, Mass.; *Summer Institute for High School and Junior College Teachers of Mathematics*; 7 weeks; \$65,900
CLARKSON COLLEGE OF TECHNOLOGY, Potsdam, N.Y.; *Summer Institute for High School Teachers of Science and Mathematics*; 8 weeks; \$76,500
CLEMSON AGRICULTURAL COLLEGE, Clemson S.C.; *Summer Institute for High School Teachers of Science and Mathematics*; 6 weeks; \$50,600
COLBY COLLEGE, Waterville, Maine; *Summer Institute for High School Teachers of Science and Mathematics*; 6 weeks; \$78,700
COLGATE UNIVERSITY, Hamilton, N.Y.; *Summer Institute for Junior High School Teachers of Science*; 6 weeks; \$48,200
COLLEGE OF THE HOLY CROSS, Worcester, Mass.; *Summer Institute for High School Teachers of Mathematics*; 6 weeks; \$60,200
COLLEGE OF SAINT THOMAS, St. Paul, Minn.; *Summer Institute for High School Teachers of Science and Mathematics*; 6 weeks; \$46,100
COLORADO COLLEGE, Colorado Springs, Colo. Richard G. Beidleman, Department of Zoology; *Summer Institute for High School and Junior College Teachers of Science and Mathematics*; 8 weeks; \$78,150
Summer Institute for High School and Junior College Teachers of Science and Mathematics; 8 weeks; \$77,400
COLORADO STATE UNIVERSITY, Fort Collins, Colo.; John J. Faris, Department of Physics; *Summer Institute for High School Teachers of Science and Mathematics*; 8 weeks; \$93,800
UNIVERSITY OF COLORADO, Boulder, Colo. *Summer Institute for High School Teachers of Biology*; 6 weeks; \$44,500
Summer Institute for High School Teachers of Physics; 8 weeks; \$54,300
Summer Institute in Science for Elementary School Teachers and Supervisors; 4 weeks; \$34,800
COLUMBIA COLLEGE, Columbia, S.C.; *Summer Institute for High School Teachers of Science*; 6 weeks; \$49,200
UNIVERSITY OF CONNECTICUT, Storrs, Conn.; *Summer Institute for High School Teachers of Science*; 6 weeks; \$104,100
CONVERSE COLLEGE, Spartanburg, S.C.; *Summer Institute for High School Teachers of Science*; 8 weeks; \$77,500
CORNELL COLLEGE, Mount Vernon, Iowa; Cecil F. Dam, Department of Physics; *Summer Conference in Radioisotopes and Their Uses for College Teachers of Science and Mathematics*; 13 days; \$15,900
CORNELL UNIVERSITY, Ithaca, N.Y.; *Summer Institute for High School Teachers of Earth Sciences*; 6 weeks; \$53,800
UNIVERSITY OF DELAWARE, Newark, Del.; *Summer Institute for High School Teachers of Science and Mathematics*; 6 weeks; \$40,800
UNIVERSITY OF DENVER, Denver, Colo. *Summer Institute for High School Teachers of Science and Mathematics*; 9 weeks; \$86,100
Summer Institute for High School Teachers of Chemistry; 9 weeks; \$69,100
Summer Institute in Earth Science for High School Teachers of Science; 9 weeks; \$44,000
DEPAUW UNIVERSITY, Greencastle, Ind. *Summer Institute for Junior High School Teachers of Science*; 6 weeks; \$56,500
Summer Institute in Science and Mathematics for Elementary School Teachers, 6 weeks; \$14,600
UNIVERSITY OF DETROIT, Detroit, Mich. *Summer Conference in Engineering Graphics for College Teachers*; 12 days; \$7,000
Summer Institute for High School Teachers of Science and Mathematics; 6 weeks; \$49,600
DILLARD UNIVERSITY, New Orleans, La.; *Summer Institute for High School Teachers of Science*; 6 weeks; \$38,500
DRAKE UNIVERSITY, Des Moines, Iowa *Summer Institute for High School Teachers of Mathematics*; 6 weeks; \$46,600
Summer Institute for High School Teachers of Science; 6 weeks; \$48,400
DUKE UNIVERSITY, Durham, N.C. *Summer Institute for High School Teachers of Science and Mathematics*; 9 weeks; \$104,200
Summer Institute in Radiation Biology for High School Teachers of Biology; 8 weeks; \$20,200
Summer Institute for College Teachers of Mathematics; 6 weeks; \$22,300
EAST CAROLINA COLLEGE, Greenville, N.C.; *Summer Institute for High School Teachers of Science and Mathematics*; 6 weeks; \$59,200
EASTERN ILLINOIS UNIVERSITY, Charleston, Ill.; *Summer Institute for High School Teachers of Mathematics*; 8 weeks; \$29,700
EASTERN MICHIGAN COLLEGE, Ypsilanti, Mich. Robert S. Pate, Department of Mathematics; *Summer Institute for High School Teachers of Mathematics*; 6 weeks; \$41,100
Summer Institute for High School Teachers of Mathematics; 6 weeks; \$40,900
Summer Institute for High School Teachers of Mathematics and Physics; 6 weeks; \$32,400
EAST TENNESSEE STATE COLLEGE, Johnson City, Tenn.; *Summer Institute for High School Teachers of Science and Mathematics*; 6 weeks; \$57,200
EAST TEXAS STATE COLLEGE, Commerce, Tex.; *Summer Institute for High School Teachers of Mathematics*; 6 weeks; \$19,500
EMORY UNIVERSITY, Emory University, Ga.; *Summer Institute for College Teachers of Chemistry*; 9 weeks; \$36,900

FISK UNIVERSITY, Nashville, Tenn.

Summer Institute for High School Teachers of Science; 8 weeks; \$64,300

Samuel P. Massie; *Summer Institute for High School Teachers of Science and Mathematics*; 8 weeks; \$67,500

FLORIDA STATE UNIVERSITY, Tallahassee, Fla.

Summer Institute for College Teachers of Geology; 8 weeks; \$55,400

Summer Institute for High School Teachers of Science and Mathematics; 6 weeks; \$118,500

Summer Institute for Junior College Teachers of Science and Mathematics; 8 weeks; \$77,100

UNIVERSITY OF FLORIDA, Gainesville, Fla.; N. Eldred Gingham, College of Arts and Sciences; *Summer Institute for High School Teachers of Science and Mathematics*; 8 weeks; \$112,400

FORDHAM UNIVERSITY, New York, N.Y.; *Summer Institute in Mathematics and Physics for High School Teachers*; 6 weeks; \$95,000

FORT HAYS KANSAS STATE COLLEGE, Hays, Kans.

Summer Institute for High School Teachers of Mathematics; 8½ weeks; \$41,200

Summer Institute for High School Teachers of Science; 8 weeks; \$71,800

FORT LEWIS AGRICULTURAL AND MECHANICAL COLLEGE, Durango, Colo.

Summer Institute for College Teachers of Chemistry; 4 weeks; \$33,700

Herbert D. Hart, Department of Chemistry; *Summer Institute for High School Teachers of Chemistry*; 6 weeks; \$49,580

Summer Institute for High School Teachers of Chemistry; 6 weeks; \$49,200

FRANKLIN AND MARSHALL COLLEGE, Lancaster, Pa.

Summer Institute for High School Teachers of Biology and General Science; 6 weeks; \$34,700

Summer Institute for High School Teachers of Science and Mathematics; 6 weeks; \$50,300

FRESNO STATE COLLEGE, Fresno, Calif.; *Summer Institute for High School Teachers of Science*; 6 weeks; \$108,400

GEORGE PEABODY COLLEGE FOR TEACHERS, Nashville, Tenn.; *Summer Institute for High School Teachers of Science and Mathematics*; 10 weeks; \$136,900

GEORGETOWN UNIVERSITY, Washington, D.C.

Ralph S. Henderson, Department of Physics; *Summer Conference for College Teachers of Physical Science*; 21 days; \$14,500

Summer Institute for High School Teachers of Mathematics; 6 weeks; \$27,600

UNIVERSITY OF GEORGIA, Athens, Ga.

Summer Institute for High School Teachers of Biology; 4 weeks; \$30,300

Summer Institute for High School Teachers of Science and Mathematics; 6 weeks; \$51,400

GONZAGA UNIVERSITY, Spokane, Wash.; *Summer Institute for High School Teachers of Science and Mathematics*; 6 weeks; \$87,200

HAMILTON COLLEGE, Clinton, N.Y.; *Summer Institute for High School Teachers of Mathematics*; 8 weeks; \$64,500

HAMPTON INSTITUTE, Hampton, Va.; *Summer Institute for High School Teachers of Science and Mathematics*; 9 weeks; \$97,000

UNIVERSITY OF HAWAII, Honolulu, Hawaii; *Summer Institute for High School Teachers*

of Science and Mathematics; 6 weeks; \$90,900

UNIVERSITY OF HOUSTON, Houston, Tex.; *Summer Institute in Engineering Science and Mathematics for Technical Institute Personnel and Junior College Teachers in Technical Curricula*; 8 weeks; \$54,100

HOWARD PAYNE COLLEGE, Brownwood, Tex.; *Summer Institute for High School Teachers of Science*; 6 weeks; \$49,400

HOWARD UNIVERSITY, Washington, D.C.; *Summer Institute in Radiation Biology and Modern Biological Perspectives for High School Teachers of Science*; 8 weeks; \$52,000

HUMBOLDT STATE COLLEGE, Arcata, Calif.; *Summer Institute for High School and College Teachers of Science and Mathematics*; 6 weeks; \$48,700

HUNTER COLLEGE OF THE CITY OF NEW YORK, New York, N.Y.

Jennie L. S. Simpson, Department of Biological Sciences; *Summer Institute for High School Teachers of Biology*; 6 weeks; \$48,700

Summer Institute for High School Teachers of Mathematics; 6 weeks; \$47,200

UNIVERSITY OF IDAHO, Moscow, Idaho; *Summer Institute for High School Teachers of Science and Mathematics*; 8 weeks; \$64,400

ILLINOIS INSTITUTE OF TECHNOLOGY, Chicago, Ill.; *Summer Institute for High School Teachers of Science and Mathematics*; 8 weeks; \$99,500

ILLINOIS WESLEYAN UNIVERSITY, Bloomington, Ill.; *Summer Institute for High School Teachers of Science and Mathematics*; 8 weeks; \$71,500

UNIVERSITY OF ILLINOIS, Urbana, Ill.

Summer Institute for High School Teachers of Chemistry; 8 weeks; \$35,400

Summer Institute in Science for Elementary School Supervisors; 18 months; \$65,400

IMMACULATE HEART COLLEGE, Los Angeles, Calif.; *Summer Institute for High School Teachers of Physics*; 6 weeks; \$49,100

INDIANA STATE TEACHERS COLLEGE, Terre Haute, Ind.; *Summer Institute for Junior High School Teachers of Science*; 10 weeks; \$87,200

INDIANA UNIVERSITY FOUNDATION, Bloomington, Ind.

Summer Institute for High School Teachers of Biology; 6 weeks; \$36,600

Summer Institute for College Teachers of Botany; 6 weeks; \$53,800

Summer Institute for College Teachers of Chemistry; 4 weeks; \$35,600

Summer Institute for High School Teachers of Mathematics; 6 weeks; \$49,000

INSTITUTE OF PAPER CHEMISTRY, Appleton, Wis.; Elwood O. Dillingham, Department of Chemistry; *Summer Conference for College Teachers of Chemistry and Biology*; 12 days; \$8,000

IOWA STATE COLLEGE OF AGRICULTURE AND MECHANIC ARTS, Ames, Iowa

Summer Institute for High School Teachers of Science and Mathematics; 6 weeks; \$78,100

Summer Institute for Junior College and College Teachers of Mathematics; 6 weeks; \$31,900

Summer Institute for Junior College and College Teachers of Engineering; 6 weeks; \$50,800

IOWA STATE TEACHERS COLLEGE, Cedar Falls, Iowa; Dorothy C. Matala, Science Department; *Summer Institute for Junior High School Teachers of General Science and Mathematics*; 8 weeks; \$96,400

KANSAS STATE COLLEGE OF AGRICULTURE AND APPLIED SCIENCE, Manhattan, Kans.; *Summer Institute for High School Teachers of Mathematics*; 8 weeks; \$56,500

KANSAS STATE TEACHERS COLLEGE, Emporia, Kans.; *Summer Institute for High School Teachers of Science and Mathematics*; 12 weeks; \$216,500

UNIVERSITY OF KANSAS, Lawrence, Kans.
Summer Institute for High School and College Teachers of Mathematics; 8 weeks; \$135,500

Summer Institute in Radiation Biology for High School Teachers; 8 weeks; \$20,200

Summer Institute in Science for Elementary School Teachers and Supervisors; 8 weeks; \$60,800

KENT STATE UNIVERSITY, Kent, Ohio
Summer Institute for High School Teachers of Biology; 8 weeks; \$64,600

Summer Institute for High School Teachers of Mathematics; 8 weeks; \$69,100

KNOX COLLEGE, Galesburg, Ill.; *Summer Institute for High School Teachers of Mathematics*; 6 weeks; \$51,300

LAFAYETTE COLLEGE, Easton, Pa.; *Summer Institute for High School Teachers of Science and Mathematics*; 6 weeks; \$52,500

LEHIGH UNIVERSITY, Bethlehem, Pa.; *Summer Institute for High School Teachers of Mathematics*; 6 weeks; \$39,900

LONG ISLAND BIOLOGICAL ASSOCIATION, Cold Spring Harbor, N.Y.; Arthur Chovnick; *Summer Conference on Recent Developments in Genetics for College Teachers of Genetics*; 20 days; \$12,700

LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE, Baton Rouge, La.; *Summer Institute for High School Teachers of Science and Mathematics*; 9 weeks; \$71,700

LOYOLA UNIVERSITY OF LOS ANGELES, Los Angeles, Calif.; *Summer Institute for High School Teachers of Mathematics*; 6 weeks; \$36,100

MACALESTER COLLEGE, St. Paul, Minn.; *Summer Institute in Physics and Mathematics for High School Teachers*; 8 weeks; \$43,500

UNIVERSITY OF MAINE, Orono, Maine; *Summer Institute for High School Teachers of Mathematics*; 6 weeks; \$48,600

MANKATO STATE COLLEGE, Mankato, Minn.; *Summer Institute for High School Teachers of Science and Mathematics*; 5½ weeks; \$43,700

UNIVERSITY OF MARYLAND, College Park, Md.
Summer Conference on Radioisotopes and Tracer Methodology for College Teachers of Physical and Biological Sciences; 12 days; \$13,000

Summer Institute for High School Teachers of Science; 7 weeks; \$83,400

Summer Institute for Junior High School Teachers of Mathematics; 6 weeks; \$37,400

MARSHALL COLLEGE, Huntington, W. Va.; *Summer Institute for High School Teachers of Science and Mathematics*; 11 weeks; \$63,800

MASSACHUSETTS INSTITUTE OF TECHNOLOGY, Cambridge, Mass.; Jerrold R. Zacharias, Chairman of the Physical Science Study

Committee; *Special Conference for College Physics Teachers*; 10 days; \$6,910

UNIVERSITY OF MASSACHUSETTS, Amherst, Mass.
Summer Institute for High School Teachers of Biology; 7 weeks; \$51,500

Summer Institute for High School Teachers of Mathematics; 7 weeks; \$54,000

MEMPHIS STATE UNIVERSITY, Memphis, Tenn.; *Summer Institute for High School Teachers of Mathematics*; 5 weeks; \$38,500

MIAMI UNIVERSITY, Oxford, Ohio; *Summer Institute for High School Teachers of Science*; 8 weeks; \$62,900

MICHIGAN COLLEGE OF MINING AND TECHNOLOGY, Houghton, Mich.
 Kenneth M. McMillan, Mathematics Department; *Summer Conference for College Teachers of Science Mathematics and Engineering*; 19 days; \$7,100

Summer Conference in Analog Computation for College Teachers; 19 days; \$4,000

MICHIGAN STATE UNIVERSITY OF AGRICULTURE AND APPLIED SCIENCE, East Lansing, Mich.; *Summer Institute for High School and Junior College Teachers of Science and Mathematics*; 11 weeks; \$180,900

UNIVERSITY OF MICHIGAN, Ann Arbor, Mich.
 Wilbert J. McKeachie, Department of Psychology; *Summer Conference for College Teachers of Psychology*; 19 days; \$8,500

Summer Institute for High School Teachers of Mathematics; 6 weeks; \$36,700

Summer Institute in Mathematics for Elementary School Teachers and Supervisors; 4 weeks; \$30,600

Summer Institute in Radiation Biology for College Teachers; 8 weeks; \$20,800

MIDDLE TENNESSEE STATE COLLEGE, Murfreesboro, Tenn.; *Summer Institute for High School Teachers of Science*; 11 weeks; \$64,700

UNIVERSITY OF MINNESOTA, Minneapolis, Minn.
Summer Institute for High School Teachers of Science and Mathematics; 10 weeks; \$117,600

Summer Institute for High School Teachers of Biology; 5 weeks; \$19,700

Frank Verbruge; *Summer Institute for High School Teachers of Physics*; 8 weeks; \$79,200

Summer Institute for High School Teachers of Science and Mathematics; 8 weeks; \$45,300

MISSISSIPPI STATE UNIVERSITY, State College, Miss.; *Summer Institute for High School and Junior College Teachers of Science and Mathematics*; 11 weeks; \$151,800

MISSISSIPPI SOUTHERN COLLEGE, Hattiesburg, Miss.; *Summer Institute for High School Teachers of Science and Mathematics*; 8 weeks; \$80,800

UNIVERSITY OF MISSISSIPPI, University, Miss.; *Summer Institute for High School Teachers of Science and Mathematics*; 10½ weeks; \$136,800

UNIVERSITY OF MISSOURI, Columbia, Mo.
Summer Institute for High School Teachers of Biology; 8 weeks; \$62,700

Summer Institute for High School Teachers of Science and Mathematics; 8 weeks; \$76,700

Summer Institute for High School Teachers of Science and Mathematics; 8 weeks; \$91,700

MONTANA STATE COLLEGE, Bozeman, Mont. *Summer Institute for High School and College Teachers of Chemistry*; 5 weeks; \$42,400

Summer Institute for High School Teachers of Mathematics; 5 weeks; \$41,500

MONTANA STATE UNIVERSITY, Missoula, Mont.

Summer Institute for High School Teachers of Biology; 8 weeks; \$23,400

Summer Institute for High School Teachers of Science and Mathematics; 8 weeks; \$79,200

Summer Institute for Junior College and College Teachers of Mathematics; 6 weeks; \$50,900

Summer Institute in Radiation Biology for High School Teachers of Science; 8 weeks; \$15,200

MONTCLAIR STATE COLLEGE, Upper Montclair, N.J.; *Summer Institute for High School Teachers of Mathematics*; 6 weeks; \$72,100

MOREHEAD STATE COLLEGE, Morehead, Ky.; *Summer Institute for High School Teachers of Science and Mathematics*; 8 weeks; \$60,050

MORGAN STATE COLLEGE, Baltimore, Md.; *Summer Institute for High School Teachers of Science and Mathematics*; 8 weeks; \$73,700

MUHLENBERG COLLEGE, Allentown, Pa.; *Summer Institute for High School Teachers of Science and Mathematics*; 6 weeks; \$33,500

MURRAY STATE COLLEGE, Murray, Ky.; *Summer Institute for High School Teachers of Science*; 8 weeks; \$84,500

UNIVERSITY OF NEBRASKA, Lincoln, Nebr.; *Summer Institute for High School Teachers of Science and Mathematics*; 8 weeks; \$64,400

UNIVERSITY OF NEVADA, Reno, Nev.; *Summer Institute for High School Teachers of Science and Mathematics*; 8 weeks; \$57,400

UNIVERSITY OF NEW HAMPSHIRE, Durham, N.H.; *Summer Institute in Chemistry and Physics for High School Teachers*; 8 weeks; \$80,600

NEW MEXICO COLLEGE OF AGRICULTURE AND MECHANIC ARTS, State College, N. Mex.; *Summer Institute for High School Teachers of Science and Mathematics*; 8 weeks; \$133,000

NEW MEXICO HIGHLANDS UNIVERSITY, Las Vegas, N. Mex.; *Summer Institute for High School Teachers of Physics*; 8 weeks; \$62,700

UNIVERSITY OF NEW MEXICO, Albuquerque, N. Mex.

Summer Institute for High School Teachers of Mathematics; 8 weeks; \$62,400

Harold O. Ried, Director of Summer Session; *Summer Institute in Radiation Biology for High School Teachers of Science*; 8 weeks; \$22,600

NEW YORK UNIVERSITY, New York, N.Y.; *Summer Conference on Chemical Instrumentation for College Teachers of Chemistry*; 19 days; \$18,800

NORTH CAROLINA COLLEGE AT DURHAM, Durham, N.C.

William H. Robinson; *Summer Institute for High School Teachers of Science and Mathematics*; 6 weeks; \$62,900

Summer Institute for High School Teachers of Science and Mathematics; 6 weeks; \$60,500

NORTH CAROLINA STATE COLLEGE OF AGRICULTURE AND ENGINEERING, Raleigh, N.C.; *Summer Institute for College Teachers of Statistics*; 6 weeks; \$31,100

UNIVERSITY OF NORTH CAROLINA, Chapel Hill, N.C.

Summer Conference for College Teachers of General Biology; 19 days; \$10,600

Summer Institute for High School Teachers of Science and Mathematics; 6 weeks; \$94,000

Summer Institute for Junior College and College Teachers of Chemistry; 6 weeks; \$52,800

NORTH DAKOTA STATE COLLEGE, Fargo, N. Dak.; *Summer Institute for High School Teachers of Science and Mathematics*; 8 weeks; \$95,000

UNIVERSITY OF NORTH DAKOTA, Grand Forks, N. Dak.; *Summer Institute for High School Teachers of Science*; 8 weeks; \$66,100

NORTH TEXAS STATE COLLEGE, Denton, Tex.; *Summer Institute for High School Teachers of Science and Mathematics*; 6 weeks; \$48,600

NORTHEAST MISSOURI STATE TEACHERS COLLEGE, Kirksville, Mo.; *Summer Institute in Science and Mathematics for High School Teachers of General Science*; 10 weeks; \$87,100

NORTHERN MICHIGAN COLLEGE, Marquette, Mich.; *Summer Institute for High School Teachers of Science and Mathematics*; 6 weeks; \$54,500

NORTHERN STATE TEACHERS COLLEGE, Aberdeen, S. Dak.; *Summer Institute in General Science for High School Teachers of Science*; 5 weeks; \$25,000

NORTHERN ILLINOIS UNIVERSITY, DeKalb, Ill.; *Summer Institute for High School Teachers of Chemistry*; 8 weeks; \$67,000

NORTHWESTERN STATE COLLEGE OF LOUISIANA, Natchitoches, La.

Summer Institute for High School Teachers of Biology and Chemistry; 9 weeks; \$80,200

Summer Institute for High School Teachers of Science and Mathematics; 9 weeks; \$66,600

NORTHWESTERN UNIVERSITY, Evanston, Ill.; *Summer Institute for High School Teachers of Mathematics*; 8 weeks; \$66,800

UNIVERSITY OF NOTRE DAME, Notre Dame, Ind.

Summer Institute for High School Teachers of Chemistry; 7 weeks; \$48,100

Summer Institute for High School Teachers of Mathematics; 7 weeks; \$142,800

OAK RIDGE INSTITUTE OF NUCLEAR STUDIES, INC., Oak Ridge, Tenn.; *Summer Institute for High School Teachers of Science*; 4 weeks; \$33,200

OBERLIN COLLEGE, Oberlin, Ohio; *Summer Institute for High School Teachers of Mathematics*; 8 weeks; \$126,400

OHIO STATE UNIVERSITY, Columbus, Ohio; *Summer Institute in Radiation Biology and in Science and Mathematics for High School Teachers of Science and Mathematics*; 8 weeks; \$125,100

OHIO UNIVERSITY, Athens, Ohio.

Summer Institute for College Teachers of Chemistry; 6 weeks; \$46,600

Summer Institute for High School Teachers of Science; 6 weeks; \$54,200

OHIO WESLEYAN UNIVERSITY, Delaware, Ohio; *Summer Institute for High School Teachers of Physics*; 8 weeks; \$46,900

OKLAHOMA BAPTIST UNIVERSITY, Shawnee, Okla.; *Summer Institute for High School Teachers of Science and Mathematics*; 8 weeks; \$54,300

OKLAHOMA STATE UNIVERSITY OF AGRICULTURE AND APPLIED SCIENCE, Stillwater, Okla. *Summer Institute for College Teachers of Statistics*; 8 weeks; \$42,400

Summer Institute for High School and College Teachers of Mathematics; 6 weeks; \$58,200

Summer Institute for High School Teachers of Biology; 9 weeks; \$65,900

UNIVERSITY OF OKLAHOMA, Norman, Okla. *Summer Conference in Digital Computers and the Related Mathematics for College Teachers of Science, Mathematics and Engineering*; 21 days; \$26,800

Summer Institute for High School Teachers of Science and Mathematics; 8 weeks; \$118,400

Summer Institute in Earth Sciences for Junior High School Teachers; 4 weeks; \$10,100

OREGON STATE COLLEGE, Corvallis, Oreg. *Summer Institute for College Teachers of Biology*; 8 weeks; \$64,500

Summer Conference for College Teachers of Undergraduate Geology; 13 days; \$12,100

Stanley E. Williamson; *Summer Institute for High School Teachers of Science and Mathematics*; 8 weeks; \$64,600

Summer Institute for High School Teachers of Science and Mathematics; 8 weeks; \$63,900

Summer Institute for High School Teachers of Science and Mathematics; 8 weeks; \$47,600

Summer Institute for Junior College and College Teachers of Chemistry; 6 weeks; \$49,000

UNIVERSITY OF OREGON, Eugene, Oreg. *Summer Institute for College Teachers of Biology*; 8 weeks; \$34,800

Summer Institute for High School Teachers of Mathematics; 8 weeks; \$64,900

OUR LADY OF THE LAKE COLLEGE, San Antonio, Tex.; *Summer Institute for High School Teachers of Mathematics*; 6 weeks; \$33,600

PENNSYLVANIA STATE UNIVERSITY, University Park, Pa. *Summer Conference for Technical Institute and Junior College Teachers in Instrumentation and Control and Related Subjects*; 19 days; \$13,500

Summer Institute in Science for Elementary School Teachers and Supervisors; 6 weeks; \$45,700

Summer Institute for High School Teachers of Science and Mathematics; 6 weeks; \$100,900

UNIVERSITY OF PENNSYLVANIA, Philadelphia, Pa.; *Summer Institute for High School Teachers of Science and Mathematics*; 6 weeks; \$101,500

PHILADELPHIA COLLEGE OF PHARMACY AND SCIENCE, Philadelphia, Pa.; *Summer Institute for High School and College Teachers of Biology, Chemistry and Physics*; 6 weeks; \$27,400

UNIVERSITY OF PITTSBURGH, Pittsburgh, Pa. *Summer Conference on Recent Advances in the Ecology of Freshwater Organisms*

for College Teachers of Biology; 12 days; \$8,500

Summer Institute for High School Teachers of Mathematics; 8 weeks; \$37,700

PORTLAND STATE COLLEGE, Portland, Oreg.; *Summer Institute for High School Teachers of Mathematics*; 7 weeks; \$67,400

PRAIRIE VIEW AGRICULTURAL AND MECHANICAL COLLEGE, Prairie View, Tex.; *Summer Institute for High School Teachers of Science and Mathematics*; 6 weeks; \$42,800

PRATT INSTITUTE, Brooklyn, N.Y.; *Summer Institute for High School Teachers of Chemistry*; 6 weeks; \$36,300

PRINCETON UNIVERSITY, Princeton, N.J. *Summer Institute for High School and College Teachers of Chemistry*; 6 weeks; \$40,500

Summer Institute for High School and College Teachers of Mathematics; 6 weeks; \$41,680

UNIVERSITY OF PUERTO RICO, Mayaguez, P.R. *Summer Institute for High School Teachers of Mathematics*; 6 weeks; \$47,500

Summer Institute for High School Teachers of Science and Mathematics; 6 weeks; \$46,600

Summer Institute in Radiation Biology for High School Teachers of Biology and Physics; 6 weeks; \$14,800

PURDUE RESEARCH FOUNDATION, Lafayette, Ind. *Summer Institute for High School Teachers of Mathematics*; 8 weeks; \$64,500

Summer Institute for High School Teachers of Mathematics; 8 weeks; \$66,900

Summer Institute in Chemistry and Physics for High School Teachers of Physical Sciences; 6 weeks; \$50,400

Summer Institute in Radiation Biology for High School Teachers of Science and Mathematics; 8 weeks; \$75,700

RANDOLPH-MACON WOMAN'S COLLEGE, Lynchburg, Va.; *Summer Institute for High School Teachers of Science and Mathematics*; 6 weeks; \$61,300

UNIVERSITY OF REDLANDS, Redlands, Calif.; *Summer Institute for High School Teachers of Science and Mathematics*; 10 weeks; \$42,800

REED COLLEGE, Portland, Oreg. *Summer Institute for High School and Junior College Teachers of Mathematics*; 8 weeks; \$51,000

Summer Institute for High School Teachers of Physics; 8 weeks; \$58,000

RENSSELAER POLYTECHNIC INSTITUTE, Troy, N.Y. *Summer Institute for High School Teachers of Science*; 8 weeks; \$166,900

Edwin B. Allen; *Summer Institute in Natural Sciences for High School Teachers of Science*; 8 weeks; \$205,800

RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK, Albany, N.Y. *Summer Institute for High School Teachers of Mathematics*; 6 weeks; \$46,500

Summer Institute for High School Teachers of Science; 6 weeks; \$47,900

Summer Institute for High School Teachers of Science and Mathematics; 6 weeks; \$58,250

Summer Institute for High School Teachers of Science and Mathematics; 6 weeks; \$50,400

Summer Institute in Science and Mathematics for Elementary School Teachers and Supervisors; 6 weeks; \$42,100

UNIVERSITY OF RHODE ISLAND, Kingston, R.I.; *Summer Institute in Science for Elementary School Teachers*; 6 weeks; \$30,200

RIPON COLLEGE, Ripon, Wis.; *Summer Institute for High School Teachers of Science and Mathematics*; 6 weeks; \$65,300

RIVIERA COLLEGE, Nashua, N.H.; *Summer Institute for High School Teachers of Biology*; 6 weeks; \$24,600

UNIVERSITY OF ROCHESTER, Rochester, N.Y.
Summer Institute for High School Teachers of Mathematics; 6 weeks; \$47,500
Summer Institute in Science for Elementary School Teachers; 18 months; \$45,900

RUTGERS, THE STATE UNIVERSITY, New Brunswick, N.J.
Summer Institute for High School Teachers of Mathematics; 6 weeks; \$82,600
Summer Institute for High School Teachers of Physics; 6 weeks; \$50,300
Summer Institute in Mathematics for Elementary School Teachers and Supervisors; 6 weeks; \$45,400

SACRAMENTO STATE COLLEGE FOUNDATION, Sacramento, Calif.; *Summer Institute for High School Teachers of Science*; 6 weeks; \$60,400

SAINT AUGUSTINE'S COLLEGE, Raleigh, N.C.; *Summer Institute for High School Teachers of Science*; 6 weeks; \$51,000

SAINT LOUIS UNIVERSITY, St. Louis, Mo.
Summer Institute for High School Teachers of Chemistry; 6 weeks; \$26,800
Summer Institute for High School Teachers of Mathematics; 6 weeks; \$46,500
Summer Institute for High School Teachers of Physics; 6 weeks; \$19,000

SAN JOSE STATE COLLEGE, San Jose, Calif.
Summer Institute for High School Teachers of Mathematics; 6 weeks; \$46,400
Summer Institute for High School Teachers of Science; 6 weeks; \$50,900
Summer Institute in Science for Elementary School Teachers; 6 weeks; \$41,600

UNIVERSITY OF SANTA CLARA, Santa Clara, Calif.; *Summer Institute for High School Teachers of Mathematics*; 6 weeks; \$25,500

SARAH LAWRENCE COLLEGE, Bronxville, N.Y.; *Summer Institute for High School Teachers of Science and Mathematics*; 8 weeks; \$41,100

SEATTLE UNIVERSITY, Seattle, Wash.; *Summer Institute for High School Teachers of Science and Mathematics*; 8 weeks; \$68,800

SETON HILL COLLEGE, Greensburg, Pa.; *Summer Institute for High School Teachers of Mathematics*; 6 weeks; \$38,600

SHIPPENSBURG STATE TEACHERS COLLEGE, Shippensburg, Pa.; *Summer Institute for High School Teachers of Science and Mathematics*; 6 weeks; \$30,100

SIMMONS COLLEGE, Boston, Mass.; *Summer Institute for High School Teachers of Chemistry*; 6 weeks; \$24,400

UNIVERSITY OF SOUTH CAROLINA, Columbia, S.C.
Summer Institute in General Science for Elementary School Teachers and Supervisors; 6 weeks; \$25,700
Summer Institute for High School and College Teachers of Mathematics; 8 weeks; \$85,550

SOUTH DAKOTA SCHOOL OF MINES AND TECHNOLOGY, Rapid City, S. Dak.; *Summer Institute for High School Teachers of Science and Mathematics*; 8 weeks; \$167,700

SOUTH DAKOTA STATE COLLEGE, Brookings, S. Dak.; *Summer Institute for High School Teachers of Science and Mathematics*; 8 weeks; \$82,300

UNIVERSITY OF SOUTHERN CALIFORNIA, Los Angeles, Calif.
Summer Institute for High School Teachers of Chemistry and Physics; 6 weeks; \$40,600
Summer Institute for High School Teachers of Biology; 6 weeks; \$44,200
Summer Institute for College Teachers of Mathematics; 6 weeks; \$39,500

SOUTHERN ILLINOIS UNIVERSITY, Carbondale, Ill.; *Summer Institute for High School Teachers of Science*; 8 weeks; \$64,500

SOUTHERN METHODIST UNIVERSITY, Dallas, Tex.
Summer Institute for High School Teachers of Mathematics; 6 weeks; \$27,500
Summer Institute for High School Teachers of Physics; 6 weeks; \$28,500

SOUTHERN UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE, Baton Rouge, La.; *Summer Institute for High School Teachers of Chemistry and Physics*; 8 weeks; \$32,500

SOUTHWESTERN LOUISIANA INSTITUTE, Lafayette, La.; *Summer Institute for High School Teachers of Science and Mathematics*; 9 weeks; \$70,400

SOUTHWEST MISSOURI STATE COLLEGE, Springfield, Mo.; *Summer Institute for Junior High School Teachers of Mathematics*; 6 weeks; \$26,800

SPRING HILL COLLEGE, Spring Hill, Ala.; *Summer Institute for High School Teachers of Physics*; 6 weeks; \$23,400

STANFORD UNIVERSITY, Stanford, Calif.; *Summer Institute for High School and College Teachers of Biology*; 10 weeks; \$18,600

STATE COLLEGE OF WASHINGTON, Pullman, Wash.
Summer Institute for High School Teachers of Mathematics; 8 weeks; \$56,900
Summer Institute for High School Teachers of Science and Mathematics; 8 weeks; \$89,700

STATE UNIVERSITY OF IOWA, Iowa City, Iowa
Summer Institute for High School Teachers of Mathematics; 6 weeks; \$60,300
Summer Institute for High School Teachers of Science; 8 weeks; \$68,300

STATE UNIVERSITY OF SOUTH DAKOTA, Vermillion, S. Dak.; *Summer Institute for High School Teachers of Science and Mathematics*; 8 weeks; \$64,700

STEPHEN F. AUSTIN STATE COLLEGE, Nacogdoches, Tex.; *Summer Institute for High School Teachers of Science and Mathematics*; 6 weeks; \$51,800

STEVENS INSTITUTE OF TECHNOLOGY, Hoboken, N.J.; *Summer Institute for High School Teachers of Mathematics*; 6 weeks; \$60,000

SYRACUSE UNIVERSITY, Syracuse, N.Y.
Summer Institute for High School Teachers of Mathematics; 6 weeks; \$59,700
Summer Institute for High School Teachers of Mathematics; 6 weeks; \$54,300
Summer Institute for High School Teachers of Science and Mathematics; 6 weeks; \$76,800
Summer Institute in Radiation Biology for High School Teachers; 6 weeks; \$15,400

TEACHERS COLLEGE, COLUMBIA UNIVERSITY, New York, N.Y.; *Summer Institute for High School Teachers of Mathematics*; 6 weeks; \$40,500

TEACHERS COLLEGE OF CONNECTICUT, New Britain, Conn.; *Summer Institute for High School Teachers of Science and Mathematics*; 6 weeks; \$48,700

TEMPLE UNIVERSITY, Philadelphia, Pa.
Summer Institute for High School Teachers of Physics; 8 weeks; \$53,700
Summer Institute in General Science for Junior High School Teachers; 6 weeks; \$53,900
Summer Institute in General Science for Junior High School Teachers; 6 weeks; \$31,900

TENNESSEE POLYTECHNIC INSTITUTE, Cookeville, Tenn.; *Summer Institute for High School Teachers of Science and Mathematics*; 8 weeks; \$92,200

TEXAS CHRISTIAN UNIVERSITY, Fort Worth, Tex.; *Summer Institute for High School Teachers of Science and Mathematics*; 6 weeks; \$92,400

TEXAS SOUTHERN UNIVERSITY, Houston, Tex.; *Summer Institute for High School Teachers of Science and Mathematics*; 12 weeks; \$88,000

TEXAS TECHNOLOGICAL COLLEGE, Lubbock, Tex.
Summer Institute for High School Teachers of Biology; 8 weeks; \$76,200
Summer Institute for High School Teachers of Chemistry; 6 weeks; \$72,500

UNIVERSITY OF TEXAS, Austin, Tex.
Summer Institute for College Teachers of Physics; 9 weeks; \$36,600
Summer Institute for High School Teachers of Science and Mathematics; 9 weeks; \$72,100

THIEL COLLEGE, Greenville, Pa.; *Summer Institute for High School Teachers of Science and Mathematics*; 6 weeks; \$28,500

UNIVERSITY OF TOLEDO, Toledo, Ohio; *Summer Institute for High School Teachers of Science*; 8 weeks; \$59,900

TUFTS UNIVERSITY, Medford, Mass.
Summer Conference for College Teachers of Chemistry; 12 days; \$15,100
Summer Institute for High School Teachers of Science and Mathematics; 6 weeks; \$52,200

TUSKEGEE INSTITUTE, Tuskegee Institute, Ala.
Summer Institute for High School Teachers of Chemistry; 8 weeks; \$54,700
Summer Institute in Radiation Biology for High School Teachers of Biology; 8 weeks; \$20,200

UNION COLLEGE, Schenectady, N.Y.; *Summer Institute for High School Teachers of Science and Mathematics*; 8 weeks; \$153,200

UTAH STATE UNIVERSITY OF AGRICULTURE AND APPLIED SCIENCE, Logan, Utah; *Summer Institute for Junior High School Teachers of Science and Mathematics*; 10 weeks; \$75,800

VANDERBILT UNIVERSITY, Nashville, Tenn.
Summer Institute for High School Teachers of Mathematics; 8 weeks; \$52,700
Summer Institute for High School Teachers of Science and Mathematics; 8 weeks; \$82,300

UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE, Burlington, Vt.
Summer Institute for High School Teachers of Mathematics; 7 weeks; \$71,400
Summer Institute for High School Teachers of Physics; 8 weeks; \$93,800

VILLANOVA UNIVERSITY, Villanova, Pa.; *Summer Institute for High School Teachers of Science and Mathematics*; 6 weeks; \$96,700

VIRGINIA POLYTECHNIC INSTITUTE, Blacksburg, Va.; *Summer Institute for High School Teachers of Science and Mathematics*; 8 weeks; \$63,800

VIRGINIA STATE COLLEGE, Petersburg, Va.; *Summer Institute for High School Teachers of General Science*; 8 weeks; \$86,550

UNIVERSITY OF VIRGINIA, Charlottesville, Va.; *Summer Institute for High School Teachers of Science and Mathematics*; 8 weeks; \$93,300

WAKE FOREST COLLEGE, Winston-Salem, N.C.; *Summer Institute for High School Teachers of Science and Mathematics*; 6 weeks; \$58,800

WASHBURN UNIVERSITY OF TOPEKA, Topeka, Kans.; *Summer Institute for Junior High School Teachers of Mathematics*; 8 weeks; \$63,800

UNIVERSITY OF WASHINGTON, Seattle, Wash.;
Summer Institute for High School Teachers of Physics; 7 weeks; \$54,900
Summer Institute in Radiation Biology for College Teachers of Science; 7 weeks; \$18,400
Summer Institute in Radiation Biology for High School Teachers of Science; 7 weeks; \$17,800

WAYNE STATE UNIVERSITY, Detroit, Mich.
Summer Institute for High School Teachers of Mathematics; 8 weeks; \$61,600
Summer Institute in Radiation Biology for High School Teachers; 8 weeks; \$20,200

WESLEYAN UNIVERSITY, Middletown, Conn.; *Summer Institute for High School Teachers of Science and Mathematics*; 6 weeks; \$100,100

WEST TEXAS STATE COLLEGE, Canyon, Tex.; *Summer Institute for High School Teachers of Science and Mathematics*; 12 weeks; \$84,500

WEST VIRGINIA UNIVERSITY, Morgantown, W. Va.; *Summer Institute for High School Teachers of Science and Mathematics*; 6 weeks; \$89,300

WEST VIRGINIA WESLEYAN COLLEGE, Buckhannon, W. Va.; *Summer Institute for Junior High School Teachers of Sciences*; 6 weeks; \$49,000

WESTERN KENTUCKY STATE COLLEGE, Bowling Green, Ky.; *Summer Institute for High School Teachers of Science and Mathematics*; 8 weeks; \$79,600

WESTERN MICHIGAN UNIVERSITY, Kalamazoo, Mich.
Summer Conference in Geobotany for College Teachers of Biology, Geology, Geography, or Conservation Education; 14 days; \$17,900
Summer Institute for High School Teachers of Mathematics; 6 weeks; \$50,300
Summer Institute for Junior High School Teachers of General Science; 8 weeks; \$51,500

WESTERN RESERVE UNIVERSITY, Cleveland, Ohio; *Summer Institute for High School Teachers of Science and Mathematics*; 11 weeks; \$128,600

WESTERN STATE COLLEGE OF COLORADO, Gunnison, Colo.; *Summer Institute for High School Teachers of Biology*; 8 weeks; \$27,100

WESTERN WASHINGTON COLLEGE OF EDUCATION, Bellingham, Wash.; *Summer Institute*

for *High School Teachers of Mathematics*; 9 weeks; \$67,600

WILLIAM JEWELL COLLEGE, Liberty, Mo.; *Summer Institute for High School Teachers of Science*; 8 weeks; \$79,400

WISCONSIN STATE COLLEGE, Eau Claire, Wis.; *Summer Institute for High School Teachers of Science*; 6 weeks; \$47,700

UNIVERSITY OF WISCONSIN, Madison, Wis. *Summer Conference in Inorganic Chemistry for College Teachers of Undergraduate Chemistry*; 12 days; \$12,400

Summer Institute for College Teachers of Biology; 6 weeks; \$45,600

Summer Institute for High School Teachers of Biology; 8 weeks; \$63,300

WITTENBERG COLLEGE, Springfield, Ohio.; *Summer Institute in Earth Science for High School Teachers of Science and Mathematics*; 8 weeks; \$44,600

WOMAN'S COLLEGE OF THE UNIVERSITY OF NORTH CAROLINA, Greensboro, N.C.; *Summer Institute in Science and Mathematics for High School Teachers of General Science*; 6 weeks; \$42,500

WORCESTER POLYTECHNIC INSTITUTE, Worcester, Mass. *Summer Institute for High School Teachers of Science and Mathematics*; 8 weeks; \$76,800

John C. Johnson; *Summer Institute in Science and Mathematics for High School Teachers of Science*; 8 weeks; \$79,200

UNIVERSITY OF WYOMING, Laramie, Wyo. *Summer Institute for College Teachers of Biology*; 5 weeks; \$33,200

Summer Institute for College Teachers of Mathematics; 8 weeks; \$68,000

Summer Institute for College Teachers of Statistics; 8 weeks; \$81,200

Summer Institute for High School Teachers of Chemistry and Physics; 10 weeks; \$96,400

R. J. Bessey; *Summer Institutes for High School Teachers of Chemistry and Physics*; 10 weeks; \$100,000

Summer Institute for High School Teachers of General Science; 8 weeks; \$69,600

Summer Institute in Radiation Biology for High School Teachers; 8 weeks; \$20,200

XAVIER UNIVERSITY, Cincinnati, Ohio.; *Summer Institute for High School Teachers of Chemistry*; 6 weeks; \$39,300

YALE UNIVERSITY, New Haven, Conn. *Summer Conference on Biophysics Research for College Teachers of Science*; 5 days; \$7,100

Summer Institute for High School Teachers of Science and Mathematics; 6 weeks; \$80,300

Undergraduate Research Participation Program

ADELPHI COLLEGE, Garden City, N.Y.; *Undergraduate Research Participation Program*; 1 year; \$5,900

AGRICULTURAL AND MECHANICAL COLLEGE OF TEXAS, College Station, Tex.; *Undergraduate Research Participation Program*; 1 year; \$9,400

AGRICULTURAL AND TECHNICAL COLLEGE OF NORTH CAROLINA, Greensboro, N. C.; *Undergraduate Research Participation Program*; 1 year; \$8,300

ALBRIGHT COLLEGE, Reading, Pa.; *Undergraduate Research Participation Program*; 1 year; \$1,780

ALLEGHENY COLLEGE, Meadville, Pa.; *Undergraduate Research Participation Program*; 1 year; \$6,060

AMERICAN MUSEUM OF NATURAL HISTORY, New York, N.Y.; *Undergraduate Research Participation Program*; 1 year; \$17,000

AMERICAN UNIVERSITY, Washington, D.C.; *Undergraduate Research Participation Program*; 3 months; \$2,540

AMHERST COLLEGE, Amherst, Mass.; *Undergraduate Research Participation Program*; 1 year; \$18,870

UNIVERSITY OF ARKANSAS, Fayetteville, Ark.; *Undergraduate Research Participation Program*; 1 year; \$14,290

BARNARD COLLEGE, New York, N.Y.; *Undergraduate Research Participation Program*; 1 year; \$9,040

BOSTON UNIVERSITY, Boston, Mass.; *Undergraduate Research Participation Program*; 1 year; \$32,840

BOWDOIN COLLEGE, Brunswick, Maine; *Undergraduate Research Participation Program*; 1 year; \$8,650

BOWLING GREEN STATE UNIVERSITY, Bowling Green, Ohio; *Undergraduate Participation Program*; 1 year; \$3,300

BRANDREIS UNIVERSITY, Waltham, Mass.; *Undergraduate Research Participation Program*; 1 year; \$7,490

BRIDGEWATER COLLEGE, Bridgewater, Va.; *Undergraduate Research Participation Program*; 3 months; \$4,200

BRIGHAM YOUNG UNIVERSITY, Provo, Utah, *Undergraduate Research Participation Program*; 1 year; \$10,880

BROWN UNIVERSITY, Providence, R.I.; *Undergraduate Research Participation Program*; 1 year; \$17,130

BRYN MAWR COLLEGE, Bryn Mawr, Pa.; *Undergraduate Research Participation Program*; 1 year; \$8,250

BUCKNELL UNIVERSITY, Lewisburg, Pa. *Undergraduate Research Participation Program*; 3 months; \$3,600

BUTLER UNIVERSITY, Indianapolis, Ind.; *Undergraduate Research Participation Program*; 1 year; \$3,880

CALIFORNIA INSTITUTE OF TECHNOLOGY, Pasadena, Calif.; *Undergraduate Research Participation Program*; 1 year; \$19,280

UNIVERSITY OF CALIFORNIA, Berkeley, Calif. *Undergraduate Research Participation Program*; 3 months; \$7,520

Undergraduate Research Participation Program; 1 year; \$3,520

Undergraduate Research Participation Program; 3 months; \$3,500

Undergraduate Research Participation Program; 3 months; \$3,220

Undergraduate Research Participation Program; 3 months; \$2,720

UNIVERSITY OF CALIFORNIA, Los Angeles, Calif.; *Undergraduate Research Participation Program*; 1 year; \$5,780

CANISUS COLLEGE, Buffalo, N.Y.; *Undergraduate Research Participation Program*; 3 months; \$5,330

CARNEGIE INSTITUTE OF TECHNOLOGY, Pittsburgh, Pa.; *Undergraduate Research Participation Program*; 1 year; \$25,940

CASE INSTITUTE OF TECHNOLOGY, Cleveland, Ohio; *Undergraduate Research Participation Program*; 3 months; \$4,030

UNIVERSITY OF CHICAGO, Chicago, Ill.; *Undergraduate Research Participation Program*; 1 year; \$19,250

UNIVERSITY OF CINCINNATI, Cincinnati, Ohio; *Undergraduate Research Participation Program*; 1 year; \$3,210

CITY COLLEGE, New York, N.Y.; *Undergraduate Research Participation Program*; 1 year; \$10,100

COLGATE UNIVERSITY, Hamilton, N.Y.; *Undergraduate Research Participation Program*; 1 year; \$14,270

COLORADO COLLEGE, Colorado Springs, Colo.; *Undergraduate Research Participation Program*; 1 year; \$860

COLORADO STATE UNIVERSITY RESEARCH FOUNDATION, Fort Collins, Colo.; *Undergraduate Research Participation Program*; 8 months; \$18,950

Undergraduate Research Participation Program; 8 months; \$910

UNIVERSITY OF COLORADO, Boulder, Colo.; *Undergraduate Research Participation Program*; 3 months; \$15,190

UNIVERSITY OF CONNECTICUT, Storrs, Conn.; *Undergraduate Research Participation Program*; 1 year; \$8,870

Undergraduate Research Participation Program; 3 months; \$8,690

CORNELL COLLEGE, Mount Vernon, Iowa; *Undergraduate Research Participation Program*; 1 year; \$4,280

CORNELL UNIVERSITY, Ithaca, N.Y.; *Undergraduate Research Participation Program*; 1 year; \$40,720

CREEDMORE INSTITUTE FOR PSYCHOBIOLOGIC STUDIES BRANCH, RESEARCH FOUNDATION FOR MENTAL HYGIENE, INC., Middletown, N.Y.; *Undergraduate Research Participation Program*; 3 months; \$1,790

DARTMOUTH COLLEGE, Hanover, N.H.; *Undergraduate Research Participation Program*; 1 year; \$17,300

UNIVERSITY OF DENVER, Denver, Colo.; *Undergraduate Research Participation Program*; 1 year; \$10,740

UNIVERSITY OF DETROIT, Detroit, Mich.; *Undergraduate Research Participation Program*; 1 year; \$7,060

DREXEL INSTITUTE OF TECHNOLOGY, Philadelphia, Pa.; *Undergraduate Research Participation Program*; 1 year; \$9,460

DUQUESNE UNIVERSITY, Pittsburgh, Pa.; *Undergraduate Research Participation Program*; 1 year; \$2,200

EARLHAM COLLEGE, Richmond, Ind.; *Undergraduate Research Participation Program*; 3 months; \$7,320

EASTERN NAZARENE COLLEGE, Wollaston, Mass.; *Undergraduate Research Participation Program*; 1 year; \$2,670

EMMANUEL COLLEGE, Boston, Mass.; *Undergraduate Research Participation Program*; 1 year; \$4,400

FISK UNIVERSITY, Nashville, Tenn.; *Undergraduate Research Participation Program*; 1 year; \$1,360

FLORIDA AGRICULTURAL AND MECHANICAL UNIVERSITY, Tallahassee, Fla.; *Undergraduate Research Participation Program*; 1 year; \$4,250

UNIVERSITY OF FLORIDA, Gainesville, Fla.; *Undergraduate Research Participation Program*; 1 year; \$15,810

FORDHAM UNIVERSITY, New York, N.Y.; *Undergraduate Research Participation Program*; 1 year; \$9,390

FRANKLIN AND MARSHALL COLLEGE, Lancaster, Pa.; *Undergraduate Research Participation Program*; 3 months; \$5,590

GENEVA COLLEGE, Beaver Falls, Pa.; *Undergraduate Research Participation Program*; 1 year; \$3,480

GOUCHER COLLEGE, Baltimore, Md.; *Undergraduate Research Participation Program*; 1 year; \$1,340

GRINNELL COLLEGE, Grinnell, Iowa; *Undergraduate Research Participation Program*; 1 year; \$14,280

GROVE CITY COLLEGE, Grove City, Pa.; *Undergraduate Research Participation Program*; 1 year; \$780

GUSTAVUS ADOLPHUS COLLEGE, St. Peter, Minn.; *Undergraduate Research Participation Program*; 1 year; \$910

HAMPDEN-SYDNEY COLLEGE, Hampden-Sydney, Va.; *Undergraduate Research Participation Program*; 1 year; \$1,200

HARVARD UNIVERSITY, Cambridge, Mass.; *Undergraduate Research Participation Program*; 3 months; \$12,830

HAVERFORD COLLEGE, Haverford, Pa.; *Undergraduate Research Participation Program*; 1 year; \$8,140

UNIVERSITY OF HAWAII, Honolulu, Hawaii; *Undergraduate Research Participation Program*; 3 months; \$6,810

HOWARD UNIVERSITY, Washington, D.C.; *Undergraduate Research Participation Program*; 1 year; \$17,140

HOLLINS COLLEGE, Hollins College, Va.; *Undergraduate Research Participation Program*; 1 year; \$5,700

IDAHO STATE COLLEGE, Pocatello, Idaho; *Undergraduate Research Participation Program*; 1 year; \$1,670

Undergraduate Research Participation Program; 1 year; \$880

ILLINOIS INSTITUTE OF TECHNOLOGY, Chicago, Ill.; *Undergraduate Research Participation Program*; 1 year; \$17,640

UNIVERSITY OF ILLINOIS, Urbana, Ill.; *Undergraduate Research Participation Program*; 1 year; \$7,730

Undergraduate Research Participation Program; 1 year; \$4,570

IMMACULATE HEART COLLEGE, Los Angeles, Calif.; *Undergraduate Research Participation Program*; 1 year; \$6,400

INDIANA UNIVERSITY FOUNDATION, Bloomington, Ind.; *Undergraduate Research Participation Program*; 1 year; \$17,400

IOWA STATE COLLEGE OF AGRICULTURE AND MECHANIC ARTS, Ames, Iowa; *Undergraduate Research Participation Program*; 1 year; \$7,690

JOHNS HOPKINS UNIVERSITY, Baltimore, Md.; *Undergraduate Research Participation Program*; 1 year; \$5,270

JUNIATA COLLEGE, Huntingdon, Pa.; *Undergraduate Research Participation Program*; 1 year; \$8,160

KANSAS STATE COLLEGE OF AGRICULTURE AND APPLIED SCIENCES, Manhattan, Kans.; *Undergraduate Research Participation Program*; 1 year; \$18,350

UNIVERSITY OF KANSAS, Lawrence, Kans.; *Undergraduate Research Participation Program*; 1 year; \$14,900

KENTUCKY RESEARCH FOUNDATION, UNIVERSITY STATION, Lexington, Ky.; *Undergraduate Research Participation Program*; 1 year; \$28,230

KING'S COLLEGE, Wilkes-Barre, Pa.; *Undergraduate Research Participation Program*; 1 year; \$3,750

KNOX COLLEGE, Galesburg, Ill.; *Undergraduate Research Participation Program*; 1 year; \$2,010

LAFAYETTE COLLEGE, Easton, Pa.; *Undergraduate Research Participation Program*; 1 year; \$11,360

LAMAR STATE COLLEGE OF TECHNOLOGY, Beaumont, Tex.; *Undergraduate Research Participation Program*; 1 year; \$6,400

LA VERNE COLLEGE, La Verne, Calif.; *Undergraduate Research Participation Program*; 1 year; \$4,810

LEHIGH UNIVERSITY, Bethlehem, Pa.
Undergraduate Research Participation Program; 1 year \$3,720
Undergraduate Research Participation Program; 1 year; \$3,380

LONG ISLAND BIOLOGICAL ASSOCIATION, Cold Spring Harbor, N.Y.; *Undergraduate Research Participation Program*; 3 months; \$7,400

LORAS COLLEGE, Dubuque, Iowa; *Undergraduate Research Participation Program*; 1 year; \$3,440

LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE, Baton Rouge, La.; *Undergraduate Research Participation Program*; 1 year; \$14,500

MACALESTER COLLEGE, St. Paul, Minn.; *Undergraduate Research Participation Program*; 1 year; \$960

MANHATTAN COLLEGE, New York, N.Y.; *Undergraduate Research Participation Program*; 1 year; \$10,300

MARQUETTE UNIVERSITY, Milwaukee, Wis.; *Undergraduate Research Participation Program*; 1 year; \$2,650

UNIVERSITY OF MARYLAND, College Park, Md.; *Undergraduate Research Participation Program*; 1 year; \$9,630

MASSACHUSETTS INSTITUTE OF TECHNOLOGY, Cambridge, Mass.; *Undergraduate Research Participation Program*; 8 months; \$5,780

UNIVERSITY OF MASSACHUSETTS, Amherst, Mass.; *Undergraduate Research Participation Program*; 1 year; \$16,060

MIAMI UNIVERSITY, Oxford, Ohio; *Undergraduate Research Participation Program*; 1 year; \$9,130

UNIVERSITY OF MIAMI, Coral Gables, Fla.; *Undergraduate Research Participation Program*; 1 year; \$1,080

MICHIGAN COLLEGE OF MINING AND TECHNOLOGY, Houghton, Mich.; *Undergraduate Research Participation Program*; 1 year; \$3,390

MICHIGAN STATE UNIVERSITY OF AGRICULTURE AND APPLIED SCIENCE, East Lansing, Mich.
Undergraduate Research Participation Program; 1 year; \$47,720
Undergraduate Research Participation Program; 1 year; \$6,290
Undergraduate Research Participation Program; 1 year; \$1,810

UNIVERSITY OF MICHIGAN, Ann Arbor, Mich.
Undergraduate Research Participation Program; 3 months; \$3,350
Undergraduate Research Participation Program; 3 months; \$1,870

MILLIKIN UNIVERSITY, Decatur, Ill.; *Undergraduate Research Participation Program*; 1 year; \$1,560

MILLSAPS COLLEGE, Jackson, Miss.; *Undergraduate Research Participation Program*; 1 year; \$3,070

UNIVERSITY OF MINNESOTA, Minneapolis, Minn.
Undergraduate Research Participation Program; 1 year; \$7,300
Undergraduate Research Participation Program; 1 year; \$5,020

MISSISSIPPI STATE UNIVERSITY, State College, Miss.; *Undergraduate Research Participation Program*; 9 months; \$6,810

MONTANA STATE UNIVERSITY, Missoula, Mont.
Undergraduate Research Participation Program; 1 year; \$1,170
Undergraduate Research Participation Program; 1 year; \$820
Undergraduate Research Participation Program; 1 year; \$690

MOUNT MERCY COLLEGE, Pittsburgh, Pa.; *Undergraduate Research Participation Program*; 3 months; \$4,060

NATIONAL RADIO ASTRONOMY OBSERVATORY, Green Bank, W.Va.; *Undergraduate Research Participation Program*; 3 months; \$6,180

NEW ENGLAND INSTITUTE FOR MEDICAL RESEARCH, Ridgefield, Conn.; *Undergraduate Research Participation Program*; 3 months; \$2,500

UNIVERSITY OF NEW HAMPSHIRE, Durham, N.H.; *Undergraduate Research Participation Program*; 1 year; \$7,780

NEW MEXICO COLLEGE OF AGRICULTURE AND MECHANIC ARTS, State College, N. Mex.; *Undergraduate Research Participation Program*; 1 year; \$18,360

NEW MEXICO HIGHLANDS UNIVERSITY, Las Vegas, N. Mex.; *Undergraduate Research Participation Program*; 1 year; \$7,150

NEW MEXICO INSTITUTE OF MINING AND TECHNOLOGY, Socorro, N. Mex.; *Undergraduate Research Participation Program*; 1 year; \$9,480

NEW YORK UNIVERSITY, New York, N.Y.
Undergraduate Research Participation Program; 1 year; \$8,990
Undergraduate Research Participation Program; 3 months; \$1,950

UNIVERSITY OF NORTH CAROLINA, Chapel Hill, N.C.; *Undergraduate Research Participation Program*; 1 year; \$23,710

NORTH DAKOTA STATE COLLEGE, Fargo, N. Dak.; *Undergraduate Research Participation Program*; 1 year; \$14,140

UNIVERSITY OF NORTH DAKOTA, Grand Forks, N. Dak.
Undergraduate Research Participation Program; 1 year; \$8,540
Undergraduate Research Participation Program; 3 months; \$2,300

NORTHEASTERN UNIVERSITY, Boston, Mass.; *Undergraduate Research Participation Program*; 1 year; \$8,600

NORTHWESTERN STATE COLLEGE OF LOUISIANA, Natchitoches, La.
Undergraduate Research Participation Program; 1 year; \$3,270
Undergraduate Research Participation Program; 1 year; \$1,500

NORTHWESTERN UNIVERSITY, Evanston, Ill.; *Undergraduate Research Participation Program*; 3 months; \$9,500

COLLEGE OF NOTRE DAME OF MARYLAND, Baltimore, Md.; *Undergraduate Research Participation Program*; 1 year; \$3,700

UNIVERSITY OF NOTRE DAME, Notre Dame, Ind.; *Undergraduate Research Participation Program*; 1 year; \$1,120

OHIO STATE UNIVERSITY, Columbus, Ohio; *Undergraduate Research Participation Program*; 1 year; \$1,530

OHIO UNIVERSITY, Athens, Ohio; *Undergraduate Research Participation Program*; 3 months; \$4,770

OHIO WESLEYAN UNIVERSITY, Delaware, Ohio
Undergraduate Research Participation Program; 3 months; \$4,830
Undergraduate Research Participation Program; 1 year; \$760

OKLAHOMA STATE UNIVERSITY RESEARCH FOUNDATION, Stillwater, Okla.; *Undergraduate Research Participation Program*; 1 year; \$13,070

OREGON STATE COLLEGE, Corvallis, Oreg.
Undergraduate Research Participation Program; 3 months; \$5,580
Undergraduate Research Participation Program; 1 year; \$4,080
Undergraduate Research Participation Program; 1 year; \$3,510
Undergraduate Research Participation Program; 1 year; \$2,060
Undergraduate Research Participation Program; 1 year; \$2,000
Undergraduate Research Participation Program; 1 year; \$830
Undergraduate Research Participation Program; 1 year; \$810

UNIVERSITY OF OREGON, Eugene, Oreg.; *Undergraduate Research Participation Program*; 1 year; \$45,870

COLLEGE OF THE PACIFIC, Stockton, Calif.; *Undergraduate Research Participation Program*; 1 year; \$5,620

UNIVERSITY OF PENNSYLVANIA, Philadelphia, Pa.
Undergraduate Research Participation Program; 1 year; \$650
Undergraduate Research Participation Program; 3 months; \$7,380
Undergraduate Research Participation Program; 1 year; \$4,750

POLYTECHNIC INSTITUTE OF BROOKLYN, Brooklyn, N.Y.; *Undergraduate Research Participation Program*; 1 year; \$9,190

POMONA COLLEGE, Claremont, Calif.; *Undergraduate Research Participation Program*; 1 year; \$17,570

PRINCETON UNIVERSITY, Princeton, N.J.; *Undergraduate Research Participation Program*; 1 year; \$14,430

UNIVERSITY OF PUERTO RICO, Rio Piedras, P.R.; *Undergraduate Research Participation Program*; 1 year; \$4,600

UNIVERSITY OF REDLANDS, Redlands, Calif.; *Undergraduate Research Participation Program*; 3 months; \$6,260

REED COLLEGE, Portland, Oreg.; *Undergraduate Research Participation Program*; 1 year; \$13,700

KENSSELAER POLYTECHNIC INSTITUTE, Troy, N.Y.; *Undergraduate Research Participation Program*; 1 year; \$14,470

RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK, Albany, N.Y.; *Undergraduate Research Participation Program*; 3 months; \$8,500

ROSCOE B. JACKSON MEMORIAL LABORATORY, Bar Harbor, Maine; *Undergraduate Research Participation Program*; 3 months; \$12,140

ROSEMONT COLLEGE, Rosemont, Pa.; *Undergraduate Research Participation Program*; 1 year; \$2,085

COLLEGE OF SAINT CATHERINE, St. Paul, Minn.; *Undergraduate Research Participation Program*; 1 year; \$2,970

COLLEGE OF SAINT ELIZABETH, Convent Station, N.J.; *Undergraduate Research Participation Program*; 1 year; \$4,630

SAINTE JOSEPH COLLEGE, West Hartford, Conn.; *Undergraduate Research Participation Program*; 1 year; \$3,050

SAINTE JOSEPH'S COLLEGE, Collegeville, Ind.; *Undergraduate Research Participation Program*; 1 year; \$3,760

SAINTE LOUIS UNIVERSITY, St. Louis, Mo.
Undergraduate Research Participation Program; 1 year; \$3,020
Undergraduate Research Participation Program; 1 year; \$2,490

SAINTE MARTIN'S COLLEGE, Olympia, Wash.; *Undergraduate Research Participation Program*; 1 year; \$1,160

ST. MARY'S COLLEGE, Winona, Minn.; *Undergraduate Research Participation Program*; 1 year; \$6,560

SAINTE MARY'S UNIVERSITY OF SAN ANTONIO, San Antonio, Tex.; *Undergraduate Research Participation Program*; 1 year; \$7,040

UNIVERSITY OF SAN FRANCISCO, San Francisco, Calif.; *Undergraduate Research Participation Program*; 1 year; \$1,830

SEATTLE PACIFIC COLLEGE, Seattle, Wash.; *Undergraduate Research Participation Program*; 1 year; \$6,410

SEATTLE UNIVERSITY, Seattle, Wash.; *Undergraduate Research Participation Program*; 1 year; \$10,990

UNIVERSITY OF SOUTH CAROLINA, Columbia, S.C.; *Undergraduate Research Participation Program*; 1 year; \$9,650

SOUTHERN ILLINOIS UNIVERSITY, Carbondale, Ill.; *Undergraduate Research Participation Program*; 1 year; \$11,740

SOUTHERN METHODIST UNIVERSITY, Dallas, Tex.; *Undergraduate Research Participation Program*; 1 year; \$7,990

SOUTHERN UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE, Baton Rouge, La.; *Undergraduate Research Participation Program*; 1 year; \$1,620

SOUTHEASTERN STATE COLLEGE, Durant, Okla.; *Undergraduate Research Participation Program*; 1 year; \$3,710

SOUTHWESTERN AT MEMPHIS, Memphis, Tenn.; *Undergraduate Research Participation Program*; 3 months; \$6,250

STANFORD UNIVERSITY, Stanford, Calif.; *Undergraduate Research Participation Program*; 1 year; \$17,580

STATE COLLEGE OF AGRICULTURE AND ENGINEERING, Raleigh, N.C.; *Undergraduate Research Participation Program*; 1 year; \$13,510

STATE UNIVERSITY OF IOWA, Iowa City, Iowa
Undergraduate Research Participation Program; 1 year; \$9,170
Undergraduate Research Participation Program; 1 year; \$3,580

SYRACUSE UNIVERSITY RESEARCH FOUNDATION, Syracuse, N.Y.; *Undergraduate Research Participation Program*; 11 months; \$7,820

UNIVERSITY OF TENNESSEE, Knoxville, Tenn.
Undergraduate Research Participation Program; 1 year; \$4,850
Undergraduate Research Participation Program; 1 year; \$7,410

TEXAS WOMAN'S UNIVERSITY, Denton, Tex.; Undergraduate Research Participation Program; 1 year; \$9,390
Undergraduate Research Participation Program; 1 year; \$2,190
Undergraduate Research Participation Program; 3 months; \$1,720
Undergraduate Research Participation Program; 1 year; \$1,510
UNIVERSITY OF TEXAS, Austin, Tex.; Undergraduate Research Participation Program; 3 months; \$7,260
TUFTS UNIVERSITY, Medford, Mass.; Undergraduate Research Participation Program; 1 year; \$9,230
TULANE UNIVERSITY OF LOUISIANA, New Orleans, La.; Undergraduate Research Participation Program; 1 year; \$18,100
TUSKEGEE INSTITUTE, Tuskegee Institute, Ala.; Undergraduate Research Participation Program; 1 year; \$15,000
UNION COLLEGE AND UNIVERSITY, Schenectady, N.Y.; Undergraduate Research Participation Program; 1 year; \$5,690
UNIVERSITY OF UTAH, Salt Lake City, Utah
Undergraduate Research Participation Program; 3 months; \$10,720
Undergraduate Research Participation Program; 1 year; \$8,160
VILLANOVA UNIVERSITY, Villanova, Pa.; Undergraduate Research Participation Program; 1 year; \$4,070
VIRGINIA FISHERIES LABORATORY, Gloucester Point, Va.; Undergraduate Research Participation Program; 3 months; \$7,700
VIRGINIA POLYTECHNIC INSTITUTE, Blacksburg, Va.; Undergraduate Research Participation Program; 1 year; \$8,990
VIRGINIA STATE COLLEGE, Petersburg, Va.; Undergraduate Research Participation Program; 1 year; \$6,650
WABASH COLLEGE, Crawfordsville, Ind.; Undergraduate Research Participation Program; 3 months; \$5,320
WAYNE STATE UNIVERSITY, Detroit, Mich.; Undergraduate Research Participation Program; 3 months; \$4,810
WEST VIRGINIA WESLEYAN COLLEGE, Buckhannon, W. Va.; Undergraduate Research Participation Program; 1 year; \$6,330
WESTERN KENTUCKY STATE COLLEGE, Bowling Green, Ky.; Undergraduate Research Participation Program; 1 year; \$5,950
WESTERN MICHIGAN UNIVERSITY, Kalamazoo, Mich.; Undergraduate Research Participation Program; 1 year; \$9,960
WESTERN RESERVE UNIVERSITY, Cleveland, Ohio; Undergraduate Research Participation Program; 1 year; \$19,180
WESTERN STATE COLLEGE OF COLORADO, Gunnison, Colo.; Undergraduate Research Participation Program; 1 year; \$4,930
WHITTIER COLLEGE, Whittier, Calif.; Undergraduate Research Participation Program; 6 months; \$1,150
UNIVERSITY OF WICHITA, Wichita, Kans.; Undergraduate Research Participation Program; 1 year; \$3,490
UNIVERSITY OF WISCONSIN, Madison, Wis.; Undergraduate Research Participation Program; 1 year; \$8,920
COLLEGE OF WOOSTER, Wooster, Ohio; Undergraduate Research Participation Program; 1 year; \$7,900
XAVIER UNIVERSITY, Cincinnati, Ohio; Undergraduate Research Participation Program; 1 year; \$6,410

YALE UNIVERSITY, New Haven, Conn.; Undergraduate Research Participation Program; 1 year; \$23,630
Summer Science Training Program for Secondary School Students
AGRICULTURAL AND TECHNICAL COLLEGE OF NORTH CAROLINA, Greensboro, N.C.; Summer Science Training Program for Secondary School Students; 4 weeks; \$17,040
AGRICULTURAL AND MECHANICAL COLLEGE OF TEXAS, College Station, Tex.; Summer Science Training Program for Secondary School Students; 5 weeks; \$10,910
UNIVERSITY OF ALASKA, College, Alaska; Summer Science Training Program for Secondary School Students; 3 weeks; \$12,790
AMERICAN ACADEMY OF ARTS AND SCIENCES, Boston, Mass.; Summer Science Training Program for Secondary School Students; 10 weeks; \$33,570
AMERICAN METEOROLOGICAL SOCIETY, Boston, Mass.; Summer Science Training Program for Secondary School Students; 7 weeks; \$25,940
AMERICAN MUSEUM OF NATURAL HISTORY, New York, N.Y.; Summer Science Training Program for Secondary School Students; 4 weeks; \$5,710
APPALACHIAN STATE TEACHERS COLLEGE, Boone, N.C.; Summer Science Training Program for Secondary School Students; 6 weeks; \$21,400
UNIVERSITY OF ARIZONA, Tucson, Ariz.; Summer Science Training Program for Secondary School Students; 9 weeks; \$8,130
ASSUMPTION COLLEGE, Worcester, Mass.; Summer Science Training Program for Secondary School Students; 6 weeks; \$15,600
UNIVERSITY OF CALIFORNIA, Berkeley, Calif.
Summer Science Training Program for Secondary School Students; 6 weeks; \$7,350
Summer Science Training Program for Secondary School Students; 8 weeks; \$4,100
BENNETT COLLEGE, Greensboro, N.C.; Summer Science Training Program for Secondary School Students; 6 weeks; \$40,570
BOSTON UNIVERSITY, Boston, Mass.; Summer Science Training Program for Secondary School Students; 8 weeks; \$1,230
UNIVERSITY OF BRIDGEPORT, Bridgeport, Conn.; Summer Science Training Program for Secondary School Students; 7 weeks; \$23,950
BRIGHAM YOUNG UNIVERSITY, Provo, Utah; Summer Science Training Program for Secondary School Students; 2 weeks; \$16,280
BUCKNELL UNIVERSITY, Lewisburg, Pa.; Summer Science Training Program for Secondary School Students; 5 weeks; \$12,050
BUTLER UNIVERSITY, Indianapolis, Ind.; Summer Science Training Program for Secondary School Students; 7 weeks; \$4,790
CALIFORNIA STATE POLYTECHNIC COLLEGE, San Luis Obispo, Calif.; Summer Science Training Program for Secondary School Students; 4 weeks; \$19,750
UNIVERSITY OF CHICAGO, Chicago, Ill.; Summer Science Training Program for Secondary School Students; 6 weeks; \$40,570
COLGATE UNIVERSITY, Hamilton, N.Y.; Summer Science Training Program for Secondary School Students; 6 weeks; \$14,550
COLLEGE OF THE HOLY NAMES, Oakland, Calif.; Summer Science Training Program for Secondary School Students; 6 weeks; \$13,290

COLORADO COLLEGE, Colorado Springs, Colo.; *Summer Science Training Program for Secondary School Students*; 8 weeks; \$12,330

COLUMBIA UNIVERSITY, New York, N.Y.; *Summer Science Training Program for Secondary School Students*; 6 weeks; \$33,800

COOPER UNION, New York, N.Y.; *Summer Science Training Program for Secondary School Students*; 6 weeks; \$18,080

CORNELL UNIVERSITY, Ithaca, N.Y.; *Summer Science Training Program for Secondary School Students*; 6 weeks; \$25,890

UNIVERSITY OF DETROIT, Detroit, Mich.; *Summer Science Training Program for Secondary School Students*; 8 weeks; \$10,540

EAST CAROLINA COLLEGE, Greenville, N.C.; *Summer Science Training Program for Secondary School Students*; 3 weeks; \$8,080

EAST TEXAS STATE COLLEGE, Commerce, Tex.; *Summer Science Training Program for Secondary School Students*; 5 weeks; \$5,940

EASTERN MONTANA COLLEGE OF EDUCATION, Billings, Mont.; *Summer Science Training Program for Secondary School Students*; 9 weeks; \$2,100

EMORY COLLEGE, Atlanta, Ga.; *Summer Science Training Program for Secondary School Students*; 5 weeks; \$11,450

EMORY AND HENRY COLLEGE, Emory, Va.; *Summer Science Training Program for Secondary School Students*; 5 weeks; \$4,960

FLORIDA STATE UNIVERSITY, Tallahassee, Fla.; *Summer Science Training Program for Secondary School Students*; 2 weeks; \$8,600

UNIVERSITY OF FLORIDA, Gainesville, Fla.; *Summer Science Training Program for Secondary School Students*; 8 weeks; \$14,630

GENEVA COLLEGE, Beaver Falls, Pa.; *Summer Science Training Program for Secondary School Students*; 9 weeks; \$3,945

GEORGE PEABODY COLLEGE FOR TEACHERS, Nashville, Tenn.; *Summer Science Training Program for Secondary School Students*; 8 weeks; \$51,700

GODDARD COLLEGE, Plainfield, Vt.; *Summer Science Training Program for Secondary School Students*; 5 weeks; \$10,140

HOWARD PAYNE COLLEGE, Brownsville, Tex.; *Summer Science Training Program for Secondary School Students*; 4 weeks; \$7,700

HOWARD UNIVERSITY, Washington, D.C.; *Summer Science Training Program for Secondary School Students*; 8 weeks; \$14,320

HUMBOLDT STATE COLLEGE, Arcata, Calif.; *Summer Science Training Program for Secondary School Students*; 4 weeks; \$20,000

HUNTER COLLEGE, New York, N.Y.; *Summer Science Training Program for Secondary School Students*; 4 weeks; \$6,050

Summer Science Training Program for Secondary School Students; 6 weeks; \$4,710

ILLINOIS INSTITUTE OF TECHNOLOGY, Chicago, Ill.; *Summer Science Training Program for Secondary School Students*; 1 year; \$19,950

INDIANA UNIVERSITY FOUNDATION, Bloomington, Ind.; *Summer Science Training Program for Secondary School Students*; 8 weeks; \$20,620

INTER-AMERICAN UNIVERSITY OF PUERTO RICO, San German, P.R.; *Summer Science Training Program for Secondary School Students*; 8 weeks; \$5,500

UNIVERSITY OF KANSAS, Lawrence, Kans.; *Summer Science Training Program for Secondary School Students*; 4 weeks; \$14,740

KENYON COLLEGE, Gambler, Ohio; *Summer Science Training Program for Secondary School Students*; 9 weeks; \$480

KNOX COLLEGE, Galesburg, Ill.; *Summer Science Training Program for Secondary School Students*; 4 weeks; \$11,360

KNOXVILLE COLLEGE, Knoxville, Tenn.; *Summer Science Training Program for Secondary School Students*; 8 weeks; \$27,360

LOUISIANA POLYTECHNIC INSTITUTE, Ruston, La.; *Summer Science Training Program for Secondary School Students*; 7 weeks; \$19,710

LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE, Baton Rouge, La.; *Summer Science Training Program for Secondary School Students*; 9 weeks; \$12,020

LOYOLA UNIVERSITY OF LOS ANGELES, Los Angeles, Calif.; *Summer Science Training Program for Secondary School Students*; 1 year; \$3,150

UNIVERSITY OF MAINE, Orono, Maine; *Summer Science Training Program for Secondary School Students*; 4 weeks; \$42,780

MANHATTAN COLLEGE, New York, N.Y.; *Summer Science Training Program for Secondary School Students*; 6 weeks; \$10,770

MANKATO STATE COLLEGE, Mankato, Minn.; *Summer Science Training Program for Secondary School Students*; 2 weeks; \$7,980

UNIVERSITY OF MARYLAND, College Park, Md.; *Summer Science Training Program for Secondary School Students*; 10 weeks; \$3,820

UNIVERSITY OF MIAMI, Coral Gables, Fla.; *Summer Science Training Program for Secondary School Students*; 9 weeks; \$9,030

MICHIGAN STATE UNIVERSITY OF AGRICULTURE AND APPLIED SCIENCE, East Lansing, Mich.; *Summer Science Training Program for Secondary School Students*; 6 weeks; \$40,890

UNIVERSITY OF MICHIGAN, Ann Arbor, Mich.; *Summer Science Training Program for Secondary School Students*; 6 weeks; \$23,680

UNIVERSITY OF MINNESOTA, Minneapolis, Minn.; *Summer Science Training Program for Secondary School Students*; 10 weeks; \$15,770

MISSISSIPPI SOUTHERN COLLEGE, Hattiesburg, Miss.; *Summer Science Training Program for Secondary School Students*; 2 weeks; \$12,500

UNIVERSITY OF MISSOURI, Columbia, Mo.; *Summer Science Training Program for Secondary School Students*; 7 weeks; \$17,600

MONTANA STATE COLLEGE, Bozeman, Mont.; *Summer Science Training Program for Secondary School Students*; 4 weeks; \$23,250

MONTANA STATE UNIVERSITY, Missoula, Mont.; *Summer Science Training Program for Secondary School Students*; 4 weeks; \$4,730

MORGAN STATE COLLEGE, Baltimore, Md.; *Summer Science Training Program for Secondary School Students*; 6 weeks; \$17,500

MORRIS BROWN COLLEGE, Atlanta, Ga.; *Summer Science Training Program for Secondary School Students*; 9 weeks; \$16,900

NEWARK COLLEGE OF ENGINEERING, Newark, N.J.; *Summer Science Training Program for Secondary School Students*; 4 weeks; \$3,600

NEW ENGLAND INSTITUTE FOR MEDICAL RESEARCH, Ridgefield, Conn.; *Summer Science Training Program for Secondary School Students*; 10 weeks; \$400

NEW MEXICO INSTITUTE OF MINING AND TECHNOLOGY, Socorro, N. Mex.

Summer Science Training Program for Secondary School Students; 9 weeks; \$14,150

Summer Science Training Program for Secondary School Students; 9 weeks; \$16,150

NEW YORK BOTANICAL GARDEN, Bronx Park, N.Y., N.Y.; *Summer Science Training Program for Secondary School Students; 5 weeks; \$14,750*

NEW YORK UNIVERSITY, New York, N.Y.

Summer Science Training Program for Secondary School Students; 6 weeks; \$5,660

Summer Science Training Program for Secondary School Students; 8 weeks; \$3,970
NORTH CAROLINA COLLEGE AT DURHAM, Durham, N.C.; *Summer Science Training Program for Secondary School Students; 6 weeks; \$15,440*

NORTH CAROLINA STATE COLLEGE OF AGRICULTURE AND ENGINEERING, Raleigh, N.C.; *Summer Science Training Program for Secondary School Students; 6 weeks; \$9,680*
NORTHERN MICHIGAN COLLEGE, Marquette, Mich.; *Summer Science Training Program for Secondary School Students; 4 weeks; \$16,500*

NORTHWESTERN UNIVERSITY, Evanston, Ill.; *Summer Science Training Program for Secondary School Students; 5 weeks; \$5,700*

NORWICH UNIVERSITY, Northfield, Vt.; *Summer Science Training Program for Secondary School Students; 4 weeks; \$5,830*

UNIVERSITY OF NOTRE DAME, Notre Dame, Ind.; *Summer Science Program for Secondary School Students; 7 weeks; \$3,155*

OHIO UNIVERSITY, Athens, Ohio; *Summer Science Training Program for Secondary School Students; 3 weeks; \$21,600*

OKLAHOMA STATE UNIVERSITY OF AGRICULTURE AND APPLIED SCIENCE, Stillwater, Okla.
Summer Science Training Program for Secondary School Students; 6 weeks; \$16,770

Summer Science Training Program for Secondary School Students; 7 weeks; \$4,710

OREGON STATE COLLEGE, Corvallis, Oreg.; *Summer Science Training Program for Secondary School Students; 2 weeks; \$14,250*

PRAIRIE VIEW AGRICULTURAL AND MECHANICAL COLLEGE, Prairie View, Tex.

Summer Science Training Program for Secondary School Students; 5 weeks; \$5,500

Summer Science Training Program for Secondary School Students; 5 weeks; \$4,980

UNIVERSITY OF PUERTO RICO, Rio Piedras, P.R.; *Summer Science Training Program for Secondary School Students; 6 weeks; \$13,000*

PURDUE RESEARCH FOUNDATION, Lafayette, Ind.; *Summer Science Training Program for Secondary School Students; 8 weeks; \$20,450*

ROSWELL PARK MEMORIAL INSTITUTE, Buffalo, N.Y.; *Summer Science Training Program for Secondary School Students; 9 weeks; \$7,050*

RUTGERS, THE STATE UNIVERSITY, New Brunswick, N.J.; *Summer Science Training Program for Secondary School Students; 3 weeks; \$14,210*

SAINT AUGUSTINE'S COLLEGE, Raleigh, N.C.; *Summer Science Training Program for Secondary School Students; 6 weeks; \$11,250*

ST. CLOUD STATE COLLEGE, St. Cloud, Minn.; *Summer Science Training Program for Secondary School Students; 4 weeks; \$14,920*

ST. OLAF COLLEGE, Northfield, Minn.; *Summer Science Training Program for Secondary School Students; 8 weeks; \$34,740*

SALEM COLLEGE, Salem, W. Va.; *Summer Science Training Program for Secondary School Students; 6 weeks; \$2,820*

UNIVERSITY OF SANTA CLARA, Santa Clara, Calif.; *Summer Science Training Program for Secondary School Students; 6 weeks; \$14,490*

SOUTH DAKOTA STATE COLLEGE OF AGRICULTURE AND MECHANIC ARTS, Brookings, S. Dak.; *Summer Science Training Program for Secondary School Students; 6 weeks; \$9,660*

SOUTH DAKOTA SCHOOL OF MINES AND TECHNOLOGY, Rapid City, S. Dak.; *Summer Science Training Program for Secondary School Students; 2 weeks; \$4,790*

STATE UNIVERSITY OF SOUTH DAKOTA, Vermillion, S. Dak.; *Summer Science Training Program for Secondary School Students; 6 weeks; \$7,210*

SOUTHERN ILLINOIS UNIVERSITY, Carbondale, Ill.; *Summer Science Training Program for Secondary School Students; 7 weeks; \$11,840*

SOUTHERN METHODIST UNIVERSITY, Dallas, Tex.; *Summer Science Training Program for Secondary School Students; 5 weeks; \$8,390*

STEPHEN F. AUSTIN STATE COLLEGE, Nacogdoches, Tex.; *Summer Science Training Program for Secondary School Students; 6 weeks; \$8,830*

STETSON UNIVERSITY, De Land, Fla.; *Summer Science Training Program for Secondary School Students; 8 weeks; \$23,140*

TENNESSEE POLYTECHNIC INSTITUTE, Cookeville, Tenn.; *Summer Science Training Program for Secondary School Students; 4 weeks; \$6,550*

UNIVERSITY OF TENNESSEE, Knoxville, Tenn.; *Summer Science Training Program for Secondary School Students; 6 Weeks; \$17,120*

TEXAS TECHNOLOGICAL COLLEGE, Lubbock, Tex.; *Summer Science Training Program for Secondary School Students; 5 weeks; \$5,100*

TEXAS WOMAN'S UNIVERSITY, Denton, Tex.; *Summer Science Training Program for Secondary School Students; 11 weeks; \$14,110*

UNIVERSITY OF TEXAS, Austin, Tex.

Summer Science Training Program for Secondary School Students; 6 weeks; \$9,885

Summer Science Training Program for Secondary School Students; 5 weeks; \$9,640

Summer Science Training Program for Secondary School Students; 5 weeks; \$9,390

Summer Science Training Program for Secondary School Students; 6 weeks; \$9,245

TRINITY COLLEGE, Hartford, Conn.; *Summer Science Training Program for Secondary School Students; 7 weeks; \$21,950*

UNIVERSITY OF TULSA, Tulsa, Okla.; *Summer Science Training Program for Secondary School Students; 4 weeks; \$3,600*

WALDEMAR MEDICAL RESEARCH FOUNDATION, INC., Port Washington, N.Y.; *Summer Science Training Program for Secondary School Students; 8 weeks; \$15,950*

WASHINGTON UNIVERSITY, St. Louis, Mo.; *Summer Science Training Program for Secondary School Students; 5 weeks; \$2,015*

WESTERN KENTUCKY STATE COLLEGE, Bowling Green, Ky.

Summer Science Training Program for Secondary School Students; 8 weeks; \$24,000

Summer Science Training Program for Secondary School Students; 8 weeks; \$22,800

WESTERN MICHIGAN UNIVERSITY, Kalamazoo, Mich.; *Summer Science Training Program for Secondary School Students*; 6 weeks; \$18,620

WISCONSIN STATE COLLEGE, La Crosse, Wis.; *Summer Science Training Program for Secondary School Students*; 6 weeks; \$6,600

WORCESTER FOUNDATION FOR EXPERIMENTAL BIOLOGY, Shrewsbury, Mass.; *Summer Science Training Program for Secondary School Students*; 9 weeks; \$20,870

YESHIVA UNIVERSITY, New York, N.Y.; *Summer Science Training Program for Secondary School Students*; 9 weeks; \$13,290

Other

ACADEMY OF SCIENCE OF ST. LOUIS, Oak Knoll Park, St. Louis, Mo.; *Science Project to Motivate Interest in Science Among Young People*; 1 year; \$17,760

AGRICULTURAL AND MECHANICAL COLLEGE OF TEXAS, College Station, Tex.; *A Short Course for High School Science Teachers at the Galveston Marine Laboratory*; 3 weeks; \$17,950

AMERICAN ANTHROPOLOGICAL ASSOCIATION, LOGAN MUSEUM, BELLOIT COLLEGE, Beloit, Wis.; *Program of Visiting Lecturers in Anthropology*; 1 year; \$22,000

AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE, Washington, D.C.

Hilary J. Deason, Project Director; *Traveling High School Science Library Program*; 1 year; \$500,000

Traveling High School and Elementary School Science Library Program; 1 year; \$300,000

AMERICAN ASSOCIATION OF JUNIOR COLLEGES, Washington, D.C.; *Exchange Visit of a Group of United States Technical Institute Educators With an Equivalent Group From the Intermediate Technicums of the USSR*; 3 months; \$28,100

AMERICAN ASSOCIATION OF PHYSICS TEACHERS, NORTHWESTERN UNIVERSITY, Evanston, Ill.; *Conference to Study Lecture Demonstrations in General College Physics*; 3 days; \$8,620

AMERICAN ASTRONOMICAL SOCIETY, U.S. Naval Observatory, Washington, D.C.; *Program of Visiting Scientists in Astronomy*; 1 year; \$38,115

AMERICAN CHEMICAL SOCIETY, Washington, D.C.

Program of Visiting Scientists; 15 months; \$85,000

Visiting Scientists; 9 months; \$27,550

AMERICAN CHEMICAL SOCIETY'S NEW YORK SECTION, INC., Richmond Hill, N.Y.; *Molecular Structure and Vital Processes*; 1 day; \$2,200

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

Program of Visiting Lecturers in Biology to High Schools; 1 year; \$23,000

Program of Visiting Scientists in Biology; 1 year; \$62,560

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

Preparation and Publication of Drawings and Instructions for Making of Apparatus for College Physics; 1 year; \$25,470

Program of Visiting Scientists in Physics (Colleges); 1 year; \$52,100

Visiting Scientists to High Schools Program in Physics; 1 year; \$28,230

Visiting Foreign Scientists Program in Physics; 1 year; \$27,270

Writing, Reproducing, and Distributing of Three Career Booklets in Physics; 1 year; \$17,700

AMERICAN METEOROLOGICAL SOCIETY, Boston, Mass.

Visiting Lectures Program in Meteorology; 1 year; \$30,800

Visiting Scientists in Meteorology; 1 year; \$61,000

AMERICAN PHYSIOLOGICAL SOCIETY, Washington, D.C.

Two Career Information Brochures; 1 year; \$22,080

Visiting Lecturers in Physiology; 2 years; \$11,940

Workshop on the Teaching of Physiology in Undergraduate Colleges; 2 weeks; \$8,370

AMERICAN SOCIETY FOR ENGINEERING EDUCATION, DIVISION OF ENGINEERING, Pasadena, Calif.; *Exchange Mission to USSR on Engineering Education*; 30 days; \$29,000

AMERICAN SOCIETY FOR ENGINEERING EDUCATION, NORTHEASTERN UNIVERSITY, Boston, Mass.; *Program of Visiting Scientists in Engineering*; 1 year; \$18,325

AMERICAN SOCIETY OF ZOOLOGISTS, STANFORD UNIVERSITY, Stanford, Calif.; *Refresher Course in Evolution*; 1 month; \$3,500

ARIZONA ACADEMY OF SCIENCE, Flagstaff, Ariz.; *Proposal for a Tour Lectureship and In-Service Teaching Program*; 1 year; \$22,120

UNIVERSITY OF ARIZONA, Tucson, Ariz.; *A Program for Research Participation for Teacher Training*; 9 weeks; \$13,950

BOSTON UNIVERSITY, Boston, Mass.; *Research Participation Program for Teacher Training*; 8 weeks; \$7,320

BRANDEIS UNIVERSITY, Waltham, Mass.; *Special Field Institute in Theoretical Physics*; 6 weeks; \$19,500

BRIGHAM YOUNG UNIVERSITY, Provo, Utah; *Research Participation Program for High School Science Teachers*; 9 weeks; \$14,260

BUFFALO SOCIETY OF NATURAL SCIENCES, BUFFALO MUSEUM OF SCIENCE, Buffalo, N.Y.; *Supplemental Science Program*; 1 year; \$19,480

UNIVERSITY OF BUFFALO, Buffalo, N.Y.; *Research Participation by Qualified High School Chemistry Teachers*; 9 weeks; \$6,380

UNIVERSITY OF CALIFORNIA, Berkeley, Calif.

Experimental Program in Training Secondary School Teachers; 3 years; \$56,600

High School Science Teachers' Summer Research Project; 10 weeks; \$33,300

Junior Research in Mathematics for Undergraduates, Secondary School Teachers and Secondary School Students; 1 year; \$21,470

Summer Field Training Institute for Graduate Students in Archaeology and Ethnology; 9 weeks; \$15,400

CHICAGO ACADEMY OF SCIENCES, Chicago, Ill.; *Science Seminar and Workshop*; 1 year; \$4,180

UNIVERSITY OF CHICAGO, Chicago, Ill.; *Survey of Recent East European Literature in*

Elementary, Secondary, and College Mathematics; 2 years; \$101,200
 CITY COLLEGE, New York, N.Y.; *A Series of Demonstration Lectures in Physics for High School and Junior High School Students*; 5 months; \$2,505
 CLARKSON COLLEGE OF TECHNOLOGY, Potsdam, N.Y.; *Research Participation Program for Teacher Training*; 9 weeks; \$17,440
 COLLEGE OF THE PACIFIC, Stockton, Calif.; *Research Participation Program for Teacher Training*; 7 weeks; \$5,730
 COLLEGE OF WOOSTER, Wooster, Ohio; *Evaluation of Faculty and Undergraduate Research in the Liberal Arts College*; 10 days; \$14,170
 COLORADO-WYOMING ACADEMY OF SCIENCE, COLORADO COLLEGE, Colorado Springs, Colo.; *Colorado-Wyoming Science Lectureship Program*; 1 year; \$3,250
 COLORADO STATE UNIVERSITY RESEARCH FOUNDATION, Fort Collins, Colo.; *Research Participation Projects of High School and Junior College Science Teachers*; 12 weeks; \$22,860
 UNIVERSITY OF COLORADO, Boulder, Colo.; *Research Participation Program for Teachers Training*; 10 weeks; \$22,980
 UNIVERSITY OF COLORADO, HIGH ALTITUDE OBSERVATORY, Boulder, Colo.; *Summer Research Grants for College Science Teachers*; 11 weeks; \$3,890
 COOPER UNION FOR THE ADVANCEMENT OF SCIENCE AND ART, Cooper Square, New York, N.Y.; *The Mathematics Speakers' Bureau of Metropolitan New York*; 1 year; \$1,520
 CORNELL UNIVERSITY, Ithaca, N.Y.; *Summer Research Participation for Teacher Training*; 10 weeks; \$25,310
 DEFIANCE COLLEGE, Defiance, Ohio; *Investigation in Allied Fields By Chemists in the Liberal Arts Colleges*; 5 days; \$8,500
 UNIVERSITY OF DELAWARE, Newark, Del.; *Research Participation Program for Teacher Training*; 6 weeks; \$11,500
 UNIVERSITY OF DENVER, Denver, Colo.
Research Participation Program for Teacher Training; 9 weeks; \$29,750
Visiting Foreign Staff Project in 1959 Summer Institutes; 6 months; \$13,300
 DRAKE UNIVERSITY, Des Moines, Iowa; *Research Participation Program for Teacher Training*; 8 weeks; \$15,390
 DUKE UNIVERSITY, Durham, N.C.; *Experimental Program in the Retraining of Armed Services Officers for Teaching Mathematics in High School and College*; 15 months; \$11,750
 EDUCATIONAL TESTING SERVICE, Princeton, N.J.; *Horizons of Science*; 3 months; \$87,050
 FLORIDA STATE UNIVERSITY, Tallahassee, Fla.; *Research Participation Program for Teacher Training*; 8 weeks; \$12,240
 FURMAN UNIVERSITY, Greenville, S.C.; *Research Institute for Science Teachers*; 6 weeks; \$12,330
 HARVEY MUDD COLLEGE, Claremont, Calif.; *Conference on the Preparation of Chemistry Students for Graduate Work*; 3 days; \$6,500
 HAWAIIAN ACADEMY OF SCIENCE, Honolulu, Hawaii.
Hawaiian Science Clubs Service; 1 year; \$22,000
Museums in Miniature; 10 months; \$3,500
Teachers Science Seminar Series; 10 months; \$4,160

HIGHLANDS BIOLOGICAL STATION, INC., Highlands, N.C.; *A Research Participation Program for Teacher Training*; 6 weeks; \$4,350
 HIRAM COLLEGE, Hiram, Ohio; *Advanced Mathematics Program for Academically Talented High School Students*; 1 year; \$4,250
 HOWARD UNIVERSITY, Washington, D.C.; *Research Participation Program for Secondary School Teachers*; 8 weeks; \$31,490
 ILLINOIS INSTITUTE OF TECHNOLOGY, Chicago, Ill.; *Research Participation for Teachers of Biology*; 6 weeks; \$5,320
 UNIVERSITY OF ILLINOIS, Chicago, Ill.; *Conference of High School and College Teachers of Chemistry*; 1 day; \$200
 INDIANA ACADEMY OF SCIENCE, Indiana University, Bloomington, Ind.; *Visiting Scientists Program for High Schools*; 1 year; \$16,750
 INDIANA UNIVERSITY FOUNDATION, Bloomington, Ind.
Conference on Training in Physiological Optics; 11 days; \$7,400
Research Participation Program for High School and College Teachers; 8 weeks; \$21,390
Visiting Foreign Staff Project for the 1959 Summer Institutes; 6 months; \$13,800
 INSTITUTE OF PAPER CHEMISTRY, Appleton, Wis.; *Research Participation Program for Teacher Training*; 8 weeks; \$12,100
 IOWA STATE COLLEGE OF AGRICULTURE AND MECHANIC ARTS, Ames, Iowa; *Research Participation Program for Teacher Training*; 13 weeks; \$10,580
 IOWA STATE TEACHERS COLLEGE, Cedar Falls, Iowa.
An Eight-Week Seminar in Science and Mathematics for Superior Junior High School Pupils, and an Accompanying Teacher-Participation Workshop; 8 weeks; \$9,240
Research Participation Programs for Teacher Training; 8 weeks; \$7,910
 JOHNS HOPKINS UNIVERSITY, Baltimore, Md.; *Supplementary Teaching Aids in a New Introductory Chemistry Program*; 1 year; \$39,500
 JUNIOR ENGINEERING TECHNICAL SOCIETY, INC., East Lansing, Mich.; *Preparation and Presentation of 32 Academic Units*; 1 year; \$16,680
 KANSAS ACADEMY OF SCIENCE, KANSAS STATE TEACHERS COLLEGE, Emporia, Kans.; *Kansas Junior Academy of Science Program and Science Certification Requirements and Teacher Training Improvement Program*; 1 year; \$32,180
 KANSAS STATE COLLEGE, Manhattan, Kans.; *Research Participation Program for Teacher Training*; 9 weeks; \$16,330
 KANSAS STATE TEACHERS COLLEGE, Emporia, Kans.
Conference of Administrators of the Science Teachers in the In-Service Institute; 1 day; \$900
A Research Participation Program for Teacher Training in Biology; 12 weeks; \$7,720
 UNIVERSITY OF KANSAS, Lawrence, Kans.; *Chemical Research for Training of High School Teachers*; 8 weeks; \$16,790
 LOUISIANA ACADEMY OF SCIENCE, LOUISIANA STATE UNIVERSITY, Baton Rouge, La.; *A Program to Stimulate Interest in Science in Pre-College Students and to Provide Them*

- With Opportunities for Science Experience*; 1 year; \$16,310
- LOUISIANA STATE UNIVERSITY, Baton Rouge, La.; *Summer Research Participation Program for Science Teacher Training*; 9 weeks; \$25,320
- MARYLAND ACADEMY OF SCIENCES, Baltimore, Md.
- Maryland Science Teaching Improvement Program*; 8 months; \$4,320
- Program to Create, Maintain and Circulate Mobile Exhibits Among the Schools*; 1 year; \$24,420
- UNIVERSITY OF MARYLAND, College Park, Md.; *Research Participation Program for Training of High School Physics Teachers*; 7 weeks; \$5,720
- MASSACHUSETTS INSTITUTE OF TECHNOLOGY, Cambridge, Mass.
- Jerrold R. Zacharias, Professor of Physics; *Accelerated Teacher Training Program*; 10 days; \$14,530
- Summer Training Conference for PSSO Summer Institute Staff*; 1 week; \$11,500
- Jerrold R. Zacharias, Professor of Physics; *The Teaching of Physical Science in the Secondary Schools*; 1 year; \$3,168,440
- UNIVERSITY OF MASSACHUSETTS, Amherst, Mass.; Maxwell H. Goldberg, Chairman, Committee on Cooperation for the American Humanities Seminar; *Three-Day Seminar Concerning the Citizen in a Scientific World*; 3 days; \$4,500
- MATHEMATICAL ASSOCIATION OF AMERICA, University of Buffalo, Buffalo, N.Y.
- Conferences for Lecturers at 1959 Summer Institutes in Mathematics*; 10 days; \$58,000
- Program of Visiting Lecturers*; 1 year; \$129,200
- Program of Visiting Lecturers to Secondary Schools*; 1 year; \$63,500
- Survey of European Mathematical Education*; 1 year; \$10,300
- MICHIGAN STATE UNIVERSITY, East Lansing, Mich.
- Traveling Science Demonstration Lecture Program*; 1 year; \$349,700
- Workshop in Microbiology for Secondary Teachers*; 2 weeks; \$7,850
- UNIVERSITY OF MICHIGAN, Ann Arbor, Mich.
- Research Participation Program for Teacher Training in Nuclear Physics*; 10 weeks; \$7,120
- Research Participation Program for Teacher Training in Psychology*; 8 weeks; \$18,590
- MINNESOTA ACADEMY OF SCIENCE, UNIVERSITY OF MINNESOTA, Minneapolis, Minn.; *A Program for Improvement of Science Education in Minnesota*; 1 year; \$21,836
- MISSISSIPPI ACADEMY OF SCIENCES, INC., State College, Miss.; *A Program to Encourage and Improve Science Education in the High Schools*; 1 year; \$38,820
- MONTANA STATE UNIVERSITY, Missoula, Mont.; *Special In-Service Training Program in General Science*; 8 months; \$40,230
- NATIONAL ACADEMY OF SCIENCES-NATIONAL RESEARCH COUNCIL, Washington, D.C.
- Preparation, Printing, and Distribution of Career Guidance Literature*; 1 year; \$5,925
- Refugee Scientists Program*; 6 months; \$6,900
- Visiting Foreign Scientists Program in the Geological Sciences*; 1 year; \$27,950
- Visiting Geoscientists*; 1 year; \$60,400
- NATIONAL ACADEMY OF SCIENCES, Washington, D.C.; *Visiting Geological Scientists Program*; 1 year; \$25,600
- NATIONAL 4-H CLUB FOUNDATION, Washington, D.C.; *An Exploratory Conference on Expanding the Interest and Understanding of Science Through 4-H Club Work*; 2 days; \$9,545
- NEBRASKA ACADEMY OF SCIENCES, INC., University of Nebraska, Lincoln, Neb.; *Visiting Scientists Program*; 1 year; \$15,500
- NEWARK COLLEGE OF ENGINEERING, Newark, N.J.; *Research Participation Program for Teacher Training*; 8 weeks; \$15,370
- NEW HAMPSHIRE ACADEMY OF SCIENCE, UNIVERSITY OF NEW HAMPSHIRE, Durham, N.H.; *A Program to Assist Science Teachers and Students in the Secondary Schools of New Hampshire*; 1 year; \$6,115
- NEW MEXICO HIGHLANDS UNIVERSITY, Las Vegas, N. Mex.; *Summer Research Participation for High School Teachers*; 10 weeks; \$20,320
- NEW MEXICO INSTITUTE OF MINING AND TECHNOLOGY, Socorro, N. Mex.; *Research Participation Program for Secondary School Physical Science and Mathematics Teachers*; 9 weeks; \$12,850
- UNIVERSITY OF NEW MEXICO, Albuquerque, N. Mex.; *A Summer Program for Participation in Engineering Research by Secondary School Teachers of Mathematics and Science*; 10 weeks; \$17,630
- NEW YORK STATE SOCIETY FOR MEDICAL RESEARCH, INC., New York, N.Y.; *Supplementary Training of High School Biology Teachers*; 8 months; \$7,500
- NORTH CAROLINA ACADEMY OF SCIENCE, MEREDITH COLLEGE, Raleigh, N.C.; *Short-Term Science Institute for High School Science Teachers in North Carolina*; 6 weeks; \$19,970
- NORTH CAROLINA STATE COLLEGE OF AGRICULTURE AND ENGINEERING, Raleigh, N.C.; *Southern Regional Graduate Summer Session in Nematology*; 6 weeks; \$36,360
- NORTH CAROLINA STATE COLLEGE, Raleigh, N.C.; *Research Participation Program for Teacher Training*; 9 weeks; \$30,900
- UNIVERSITY OF NORTH CAROLINA, Chapel Hill, N.C.; *Supplementary Training Program for Teachers of Mathematics*; 1 year; \$14,100
- NORTH DAKOTA AGRICULTURAL COLLEGE, Fargo, N. Dak.; *Science Teachers Research Program*; 8 weeks; \$15,700
- UNIVERSITY OF NORTH DAKOTA, Grand Forks, N. Dak.; *Research Participation Program for Teacher Training*; 9 weeks; \$1,570
- UNIVERSITY OF NOTRE DAME, Notre Dame, Ind.; *Science Teacher Summer Research Participation*; 10 weeks; \$12,420
- OAK RIDGE INSTITUTE OF NUCLEAR STUDIES, Oak Ridge, Tenn.
- Traveling Science Demonstration Lecture Program*; 1 year; \$411,700
- Traveling Science Demonstration Lecture Program*; 9 months; \$119,900
- OBERLIN COLLEGE, Oberlin, Ohio; *Visiting Foreign Staff Project in 1959 Summer Institutes*; 6 months; \$42,100
- OHIO ACADEMY OF SCIENCES, DEPARTMENT OF GEOLOGY, OHIO STATE UNIVERSITY, Columbus, Ohio; *Instruction in Inorganic Chemistry and Quantitative Analysis in the*

Undergraduate Chemistry Curriculum; 1 day; \$750

OKLAHOMA ACADEMY OF SCIENCE, UNIVERSITY OF OKLAHOMA, Norman, Okla.

Consultative Service for Community Sponsored Improvement Programs in Science Education; 1 year; \$30,600

Oklahoma Junior Academy of Science Program; 14 months; \$4,000

OKLAHOMA BAPTIST UNIVERSITY, Shawnee, Okla.; *Production of a 30-Minute, 16mm, Sound-Color Film*; 6 months; \$5,400

OKLAHOMA STATE UNIVERSITY, Stillwater, Okla.

A Research Participation Program for Science and Mathematics Teachers; 9 weeks; \$16,200

Traveling Science Demonstration Lecture Program; 1 year; \$335,700

UNIVERSITY OF OKLAHOMA, Norman, Okla.

Combined High School Student-Teacher Institute in Mathematics; 9 months; \$23,140

Research Participation Program for Teacher Training; 8 weeks; \$16,390

Special In-Service Institute for College Teachers of Mathematics, Science, and Engineering; 9 months; \$23,940

Summer Science Training Program for Secondary School Teachers; 6 weeks; \$29,250

OREGON MUSEUM OF SCIENCE AND INDUSTRY, Portland, Oreg.; *Field Research Program for Students of All Grade Levels*; 1 year; \$4,990

OREGON STATE COLLEGE, Corvallis, Oreg.; *Teacher Training in Computer-Centered Mathematical Research*; 9 weeks; \$5,420

UNIVERSITY OF OREGON, Eugene, Oreg.; *Traveling Science Demonstration Lecture Program*; 1 year; \$382,000

PACIFIC SOUTHWEST ASSOCIATION OF CHEMISTRY TEACHERS, IMMACULATE HEART COLLEGE, Los Angeles, Calif.; *Summer Conference on the Teaching of Chemistry*; 5 days; \$3,500

PENNSYLVANIA STATE UNIVERSITY, University Park, Pa.; *A Research Participation Program for Teacher Training*; 9 weeks; \$15,430

POMONA COLLEGE, Claremont, Calif.; *Research Participation Program for Teacher Training*; 9 weeks; \$3,000

UNIVERSITY OF REDLANDS, Redlands, Calif.; *A Research Participation Program for Teacher Training*; 9 weeks; \$5,780

REED COLLEGE, Portland, Oreg.; *Working Conference of High School and College Chemistry Teachers*; 6 weeks; \$33,000

RENSSELAER POLYTECHNIC INSTITUTE, Troy, N.Y.; *A Research Participation for Teacher Training in Chemistry*; 8 weeks; \$13,050

UNIVERSITY OF ROCHESTER, Rochester, N.Y.; *Summer Research Participation Training Program for Teachers*; 9 weeks; \$19,920

ROCKEFELLER INSTITUTE, New York, N.Y.; *Lectures for High School Students*; 16 months; \$24,150

RUTGERS, THE STATE UNIVERSITY, New Brunswick, N.J.; *Short Institute of "Implications of the International Geophysical Year" for Elementary School Teachers and Supervisory Personnel*; 4 weeks; \$33,400

ST. JOHN'S UNIVERSITY, Jamaica, N.Y.; *Research Participation Program for Teacher Training*; 8 weeks; \$11,810

SAINT LOUIS UNIVERSITY, St. Louis, Mo.; *Research Participation Program for Teacher Training*; 6 weeks; \$7,420

SAINT MARY'S COLLEGE, Winona, Minn.; *Summer Field Course in Biology*; 2 weeks; \$11,390

SCIENCE SERVICE, Washington, D.C.; *Science Clubs of America and the National Science Youth Program*; 1 year; \$50,000

SOCIETY FOR INDUSTRIAL AND APPLIED MATHEMATICS, Philadelphia, Pa.; *Visiting Scientists in Industrial and Applied Mathematics*; 1 year; \$12,130

SOUTH DAKOTA ACADEMY OF SCIENCE, YANKTON COLLEGE, Yankton, S. Dak.; *State Academy of Science Project*; 14 months; \$18,560

SOUTH DAKOTA STATE COLLEGE, Brookings, S. Dak.; *Laboratory Training Program for Teachers*; 8 weeks; \$13,900

UNIVERSITY OF SOUTH CAROLINA, Columbia, S.C.; *Research Participation Program for Teachers*; 9 weeks; \$13,220

UNIVERSITY OF SOUTHERN CALIFORNIA, Los Angeles, Calif.; *Research Participation for Science Teachers*; 9 weeks; \$15,910

STATE UNIVERSITY OF IOWA, Iowa City, Iowa; *Research Participation Program for Teacher Training*; 9 weeks; \$10,640

STATE UNIVERSITY OF SOUTH DAKOTA, Vermillion, S. Dak.; *A Summer Research Participation Program for Teacher Training*; 9 weeks; \$14,600

SYRACUSE UNIVERSITY RESEARCH INSTITUTE, Syracuse, N.Y.

Conference on Electrical Engineering Education; 2 days; \$4,850

Alfred T. Collette; *Visiting Foreign Staff Project for the Academic Year Institutes During 1959-60*; 1 year; \$51,515

TEMPLE UNIVERSITY, Philadelphia, Pa.; *Visiting Foreign Staff Project in 1959 Summer Institutes*; 6 months; \$19,100

TENNESSEE ACADEMY OF SCIENCE, VANDERBILT UNIVERSITY, Nashville, Tenn.

Experimental Program of Junior Academy of Science Activities; 1 year; \$8,880

Short Term Science Institutes for High School Teachers; 1 year; \$15,670

UNIVERSITY OF TENNESSEE MEDICAL UNITS, Memphis, Tenn.; *A Research Participation Program for Teacher Training*; 8 weeks; \$5,200

TEXAS ACADEMY OF SCIENCE, NORTH TEXAS STATE COLLEGE, Denton, Tex.

Conference on Training in Research for Promising Science Students in the Junior and Small Senior Colleges of Texas; 1 year; \$12,560

Project to Improve Status of Science and Mathematics Education in the State of Texas; 1 year; \$18,380

TEXAS ACADEMY OF SCIENCE, UNIVERSITY OF TEXAS, Austin, Tex.; *A Visiting Lectureship Science Project (Mathematics)*; 8 months; \$9,130

UNIVERSITY OF TEXAS, Austin, Tex.

Graduate Studies at the Institute of Marine During 1959 Summer Session; 2 months; \$3,000

Research Participation Program for Teacher Training; 10 weeks; \$16,570

TUFTS UNIVERSITY, Medford, Mass.; *Visiting Foreign Staff Project for the 1959 Summer Institutes*; 6 months; \$23,000

U.S. ATOMIC ENERGY COMMISSION, Oak Ridge, Tenn.; *An Interagency Agreement for a College and University Summer Program*

Utilizing Mobile Exhibits on Atomic Energy; 11 weeks; \$16,000

U.S. FOREST SERVICE, DEPARTMENT OF AGRICULTURE, Washington, D.C.; *Forestry Exchange Mission to the USSR*; 4 weeks; \$2,400

UNIVERSITY OF UPPSALA, Rundelsgrand 2A, Uppsala, Sweden; *International Summer Institute in Quantum Chemistry*; 6 months; \$9,000

UNIVERSITY OF UTAH, Salt Lake City, Utah; *Research Participation Program for Teacher Training*; 11 weeks; \$20,340

VIRGINIA ACADEMY OF SCIENCE, Richmond, Va.; *Visiting Scientists Program*; 1 year; \$6,450

VIRGINIA FISHERIES LABORATORY, Gloucester Point, Va.; *Research Training Program in Marine Biology*; 6 weeks; \$16,030

UNIVERSITY OF VIRGINIA, Charlottesville, Va.; *A Critical Survey and Analysis of Existing and Possible Future Programs of the National Science Foundation in Mathematical Education*; 8 months; \$7,770

WASHINGTON ACADEMY OF SCIENCE, Washington, D.C.; *To Participate in Curricular Experiments Integrating Science and Mathematics, to Establish a Community Service, and to Organize Round-Table Discussions on Science*; 1 year; \$32,250

UNIVERSITY OF WASHINGTON, Seattle, Wash.; *In-Service Course for High School Algebra Teachers*; 11 weeks; \$1,100

WAYNE STATE UNIVERSITY, Detroit, Mich.; *Program of Chemical Research by High School and College Chemistry Teachers*; 8 weeks; \$12,810

WEST VIRGINIA UNIVERSITY, Morgantown, W. Va.; *Research Participation Program for Teachers Training*; 6 weeks; \$5,550

UNIVERSITY OF WISCONSIN, Madison, Wis. *Research Participation Program for High School Teachers*; 1 year; \$36,280

Visiting Foreign Staff Project for the 1959 Summer Institutes; 6 months; \$6,550

WOODS HOLE OCEANOGRAPHIC INSTITUTION, Woods Hole, Mass.; *Summer Program of Theoretical Studies in Geophysical Fluid Dynamics*; 3 months; \$11,500

YALE UNIVERSITY, New Haven, Conn. E. G. Begle; *School Mathematics Study Group*; 1 year; \$1,200,000

Special Summer Institute in Dynamical Astronomy; 4 weeks; \$40,800

THE PRESIDENT'S COMMITTEE ON SCIENTISTS AND ENGINEERS

NATIONAL ACADEMY OF SCIENCES-NATIONAL RESEARCH COUNCIL, Washington, D.C.; Howard L. Bevis; *The President's Committee on Scientists and Engineers*; 32 months; \$51,814.72

SCIENTIFIC MANPOWER

AMERICAN CHEMICAL SOCIETY, Washington, D.C.; Everett G. Harris, Jr., American Chemical Society; *Register of Scientific and Technical Personnel in the Field of Chemistry*; 6 months; \$25,000

AMERICAN INSTITUTE OF PHYSICS, New York, N.Y.; Henry A. Barton; *To Assist in Defraying the Expenses of Maintaining the National Register of Scientific and Technical Personnel in the Fields of Physics and Astronomy*; 21 months; \$6,300

AMERICAN MATHEMATICAL SOCIETY, Providence, R.I.; John H. Curtiss, Executive Di-

rector; *To Assist in Defraying the Expenses of Maintaining the Register of Scientific and Technical Personnel in the Field of the Mathematical Sciences*; 6 months; \$13,600

AMERICAN METEOROLOGICAL SOCIETY, Boston, Mass.; *Meteorological Sciences Section of the Natural Scientists Register*; 6 months; \$4,300

AMERICAN PSYCHOLOGICAL ASSOCIATION, Washington, D.C.; *National Register of Scientific and Technical Personnel in Psychology*; 2 years; \$4,300

BUREAU OF LABOR STATISTICS, U.S. DEPARTMENT OF LABOR, Washington, D.C.; *Conduct of Survey of Non-Teaching Mathematical Employment*; 1 year; \$52,000

HARVARD UNIVERSITY, Cambridge, Mass.; *A Vertical Study of Early Childhood Characteristics That Distinguish Scientists From Nonscientists*; 1 year; \$9,542

LIBRARY OF CONGRESS, Washington, D.C.; *Study of Communist China's Scientific Technical Manpower*; 6 months; \$2,000

MATHEMATICAL ASSOCIATION OF AMERICA, Buffalo, N.Y.; *Direction and Evaluation of a Survey of Non-Teaching Mathematical Employment*; 1 year; \$10,000

NATIONAL ACADEMY OF SCIENCES-NATIONAL RESEARCH COUNCIL, Washington, D.C.; *Doctorate Survey*; 6 months; \$2,500

NATIONAL SCIENCE TEACHERS ASSOCIATION, Washington, D.C.; *Registry of High School Science and Mathematics Teachers*; 1 month; \$12,900

UNIVERSITY OF UTAH, Salt Lake City, Utah; *Follow Up Research Conference on the Identification of Creative Scientific Talent*; 16 months; \$5,825

ATTENDANCE AT INTERNATIONAL MEETINGS

Algebraical and Topological Foundations of Geometry, Utrecht, Netherlands:

H. Busemann, Harvard University, Cambridge, Mass.

D. R. Hughes, The University of Chicago, Chicago, Ill.

N. Jacobson, Yale University, New Haven, Conn.

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

All-Union Conference on the Physics of Dielectrics, Moscow, Russia:

Dr. Charles Kittel, University of California, Berkeley, Calif.

M. F. Smiley, State University of Iowa, Iowa City, Iowa

C. P. Smyth, Princeton University, Princeton, N.J.

All Union Congress for Theoretical and Applied Mechanics, Moscow, Russia:

H. W. Liepmann, California Institute of Technology, Pasadena, Calif.

American Automatic Control Council Delegation to the U.S.S.R., Moscow, Russia:

Dr. R. J. Kochenburger, University of Connecticut, Storrs, Conn.

American Exchange Delegation on Computers to the U.S.S.R.:

H. D. Huskey, Berkeley, Calif.

Annual International Conference on High Energy Physics, Moscow, Russia:

R. W. Thompson, Indiana University, Bloomington, Ind.

- Australian and New Zealand Association for the Advancement of Science, Perth, Western Australia :
- W. Baade, Australian National University, Canberra, Australia
C. M. Wade, University Grounds, Sydney, N.S.W., Australia
- Carbon—14 Symposium, Groningen, Holland :
- W. S. Broecker, Columbia University, New York, N.Y.
F. Johnson, Andover, Mass.
E. K. Ralph, University of Pennsylvania, Philadelphia, Pa.
T. L. Smiley, University of Arizona, Tucson, Ariz.
- Cellulose Meeting, Tashkent, Russia :
- M. Goodman, Polytechnic Institute of Brooklyn, Brooklyn, N.Y.
- Chemistry and Biochemistry of Solanum Alkaloids, Berlin, Germany :
- G. S. Fraenkel, University of Illinois, Urbana, Ill.
- Commission on Geochemistry, Oxford, England :
- Dr. Earl Ingerson, Department of the Interior, U.S. Geological Survey, Washington, D.C.
- Commission on Geological Abstracts, Heerlen, Holland :
- Dr. Earl Ingerson, Department of the Interior, U.S. Geological Survey, Washington, D.C.
Dr. Stanley Corrsin, The Johns Hopkins University, Baltimore, Md.
Dr. Francois N. Frenkiel, The Johns Hopkins University, Baltimore, Md.
- Committee of International Standards, London, England :
- R. W. Carter, Department of Interior, Washington, D.C.
- Conference on the Axiomatic Method in Classical and Modern Mechanics, Paris, France :
- P. Suppes, Stanford University, Stanford, Calif.
- Conference on Biophysics, Cambridge, England :
- R. S. Bear, Iowa State College, Ames, Iowa
R. H. Bolt, Massachusetts Institute of Technology, Cambridge, Mass.
C. Levinthal, Massachusetts Institute of Technology, Cambridge, Mass.
E. C. Pollard, Yale University, New Haven, Conn.
F. O. Schmitt, Massachusetts Institute of Technology, Cambridge, Mass.
A. K. Solomon, Harvard Medical School, Boston, Mass.
G. S. Stent, The University of California, Berkeley, Calif.
A. G. Szent-Gyorgyi, Institute for Muscle Research, Woods Hole, Mass.
R. C. Williams, University of California, Berkeley, Calif.
- Conference Celebrating the Centenary of the Publication of the *Origin of Species*, London, England :
- W. H. Camp, University of Connecticut, Storrs, Conn.
- Conference on Crystallographic Apparatus, Stockholm, Sweden :
- B. Post, Polytechnic Institute of Brooklyn, Brooklyn, N.Y.
- Conference of the International Union for the Scientific Study of Population, Vienna, Austria :
- O. D. Duncan, Chicago, Ill.
J. D. Durand, United Nations, New York, N.Y.
W. T. Martin, University of Oregon, Eugene, Oreg.
D. O. Price, Chapel Hill, N.C.
E. J. Ross, Trinity College, Washington, D.C.
N. B. Ryder, University of Wisconsin, Madison, Wis.
G. Sabagh, Pacific State Hospital, Pomona, Calif.
C. F. Schmid, University of Washington, Seattle, Wash.
I. B. Tauer, Hyattsville, Md.
- Conference on Nuclear Forces and the Few Nucleon Problem, London, England :
- J. E. Brolley, Jr., Los Alamos Scientific Laboratory, Los Alamos, N. Mex.
S. Meshkov, University of Pittsburgh, Pittsburgh, Pa.
P. S. Signell, Bucknell University, Lewisburg, Pa.
- Conference on Precision Lattice Parameter Determination, Stockholm, Sweden :
- M. E. Straumanis, Missouri School of Mines and Metallurgy, Rolla, Mo.
- Conference on the Social Implications of Technological Progress, Paris, France :
- A. S. Feldman, University of Delaware, Newark, Del.
- Conference on Theoretical Aspects of Sintering, London, England :
- G. C. Kuczynski, University of Notre Dame, Notre Dame, Ind.
- Conference on Superconductivity, Cambridge, England :
- L. N. Cooper, Brown University, Providence, R.I.
M. P. Garfunkel, University of Pittsburgh, Pittsburgh, Pa.
W. D. Knight, The University of California, Berkeley, Calif.
H. Meissner, Johns Hopkins University, Baltimore, Md.
D. Pines, Institute for Advanced Study, Princeton, N.J.
J. R. Schrieffer, University of Chicago, Chicago, Ill.
B. Serin, University of Illinois, Urbana, Ill.
M. Tinkham, University of California, Berkeley, Calif.
- Crystallographic Conference, Leningrad, Russia :
- D. Harker, Protein Structure Project, Brooklyn, N.Y.
L. O. Brockway, University of Michigan, Ann Arbor, Mich.
L. S. Bartell, Iowa State College, Ames, Iowa
- Crystallochemical Symposium, Leningrad, Russia :
- J. D. H. Donnay, 1 Place Aristide Briand, Bellevue (S. and O.), France
- Darwin-Wallace Centenary Celebration Symposium, Singapore, Malaya :
- D. Dwight Davis, Chicago Natural History Museum, Chicago, Ill.
- The Ear Underwater, London, England :
- M. J. Cohen, University of Oregon, Eugene, Oreg.

- Eleventh Congress of the International Association of Logopedics and Phoniatrics, London, England:
 J. Eisensohn, Queens College, Flushing, N.Y.
 G. H. Shames, University of Pittsburgh, Pittsburgh, Pa.
- Enzyme Commission of International Union of Biochemistry, Munich, Germany:
 S. P. Colowick, The Johns Hopkins University, Baltimore, Md.
 A. L. Lehninger, The Johns Hopkins University, Baltimore, Md.
- European Committee for Concrete, Vienna, Austria:
 C. P. Sless, University of Illinois, Urbana, Ill.
- Exchange Mission to USSR on Soil Mechanics and Foundation Engineering:
 American Society of Civil Engineers, New York, N.Y.
- Fall Metallurgical Meeting, Paris, France:
 Dr. Joseph W. Spretnak, The Ohio State University, Columbus, Ohio
- Faraday Society Conference on Cell Nucleus, Cambridge, England:
 V. G. Allfrey, The Rockefeller Institute, New York, N.Y.
 M. J. Bessman, The Johns Hopkins University, Baltimore, Md.
 A. L. Donnce, The University of Rochester, Rochester, N.Y.
 B. P. Kaufmann, Carnegie Institution of Washington, Cold Spring Harbor, N.Y.
 M. S. Meselson, California Institute of Technology, Pasadena, Calif.
 A. E. Mirsky, The Rockefeller Institute, New York, N.Y.
- Faraday Society Symposium on "Energy Transfer with Special Reference to Biological Systems," Nottingham, England:
 B. Chance, University of Pennsylvania, Philadelphia, Pa.
 J. J. Chang, National Institutes of Health, Bethesda, Md.
 M. Furst, Hunter College, New York, N.Y.
 F. H. Johnson, Princeton University, Princeton, N.J.
 H. P. Kallmann, New York University, New York, N.Y.
 R. S. Livingston, University of Minnesota, Minneapolis, Minn.
 R. Lumry, University of Minnesota, Minneapolis, Minn.
 E. Rabinowitch, University of Illinois, Urbana, Ill.
 G. Wald, Harvard University, Cambridge, Mass.
- Fifth Conference of the International Commission for Optics, Stockholm, Sweden:
 E. L. O'Neill, Itak Corporation, Boston, Mass.
 L. Mertz, Block Associates, Inc., Cambridge, Mass.
 E. Kornstein, Boston, Mass.
 R. E. Hopkins, University of Rochester, Rochester, N.Y.
 R. C. Lord, Massachusetts Institute of Technology, Cambridge, Mass.
 J. M. Greenberg, Rensselaer Polytechnic Institute, Troy, N.Y.
 D. H. Menzel, Harvard University, Cambridge, Mass.
- Fifth Glucuronic Acid Conference, Tokyo, Japan:
 W. H. Fishman, Tufts University School of Medicine, Boston, Mass.
- Fifth General Conference on the International Council of Museums, Stockholm, Sweden:
 R. T. Hatt, Cranbrook Institute of Science, Bloomfield Hills, Mich.
 W. S. Thomas, Rochester Museum of Arts and Sciences, Rochester, N.Y.
- Fifteenth International Zoological Congress, London, England:
 American Society of Zoologists, Princeton University, Princeton, N.J.
- Fifth International Ethological Conference, Cambridge, England:
 J. Crane, New York Zoological Society, New York, N.Y.
 L. R. Aronson, American Museum of Natural History, New York, N.Y.
 T. H. Bullock, University of California, Los Angeles, Calif.
 D. Davenport, University of California, Santa Barbara, Calif.
 V. G. Dethler, University of Pennsylvania, Philadelphia, Pa.
 W. C. Dilger, Cornell University, Ithaca, N.Y.
 E. B. Hale, Pennsylvania State University, University Park, Pa.
 S. Kramer, State University College on Long Island, Oyster Bay, N.Y.
 D. S. Lehrman, Rutgers, The State University, Newark, N.J.
 P. B. Marler, University of California, Berkeley, Calif.
 M. H. Moynihan, Canal Zone Biological Area, Balboa, Canal Zone
 M. W. Schein, Pennsylvania State University, University Park, Pa.
- First International Conference on Information Processing, Paris, France:
 A. J. Perlis, Carnegie Institute of Technology, Pittsburgh, Pa.
 F. M. Verzuh, Massachusetts Institute of Technology, Cambridge, Mass.
 S. Gorn, University of Pennsylvania, Philadelphia, Pa.
 J. W. Givens, Jr., Wayne State University, Detroit, Mich.
 J. Moshman, Chevy Chase, Md.
 R. Courant, New York University, New York, N.Y.
 P. L. Garvin, Georgetown University, Washington, D.C.
 M. Young, Jr., University of Texas, Austin, Tex.
- First Latin American Congress of Microbiology, Mexico City, Mexico:
 R. A. Day, Rutgers, The State University, New Brunswick, N.J.
- First Symposium on Fleming's Lysozyme, Milan, Italy:
 S. E. Hartsell, W. Lafayette, Ind.
 G. Litwack, Rutgers, The State University, New Brunswick, N.J.
 L. H. Muschel, Walter Reed Army Medical Center, Washington, D.C.
 Q. N. Myrvik, University of Virginia, Charlottesville, Va.
- Flow Properties of Blood, and Other Biological Systems:
 S. Baez, New York University, New York, N.Y.
 L. V. Heilbrunn, Woods Hole, Mass.

Fluctuation Phenomena and Stochastic Processes, London, England :

S. A. Bowhill, Pennsylvania State University, University Park, Pa.

15th General Assembly of the Japan Medical Congress, Tokyo, Japan :

S. Ochoa, New York University, New York, N.Y.

Fourth Conference on Molecular Beams, Heidelberg, Germany :

B. Bederson, New York University, New York, N.Y.

W. A. Nierenberg, University of California, Berkeley, Calif.

H. Henry Stroke, Massachusetts Institute of Technology, Cambridge, Mass.

W. Lichten, The University of Chicago, Chicago, Ill.

Fourth International Conference on Ionization Phenomena in Gases, Uppsala, Sweden :

L. H. Fisher, New York University, New York, N.Y.

Fourth International Congress on Carboniferous Stratigraphy, Paleontology and Geology, Heerlen, Netherlands :

Paul E. Potter, Illinois State Geological Survey, Urbana, Ill.

Fourth Pan-African Congress on Prehistory, Leopoldville, Belgian Congo, Africa :

F. C. Howell, University of Chicago, Chicago, Ill.

W. W. Howells, Harvard University, Cambridge, Mass.

A. C. Spaulding, University of Michigan, Ann Arbor, Mich.

Fourth World Congress of Sociology, Milan, Italy :

J. A. Beegle, Michigan State University, East Lansing, Mich.

F. R. Eggen, Center for Advanced Study in the Behavioral Sciences, Stanford, Calif.

W. M. Evan, Columbia University, New York, N.Y.

W. H. Form, Michigan State University, East Lansing, Mich.

O. N. Larsen, University of Washington, Seattle, Wash.

R. Likert, The University of Michigan, Ann Arbor, Mich.

D. O. Price, Chapel Hill, N.C.

E. J. Ross, Trinity College, Washington, D.C.

C. F. Schmid, University of Washington, Seattle, Wash.

H. L. Sheppard, Wayne State University, Detroit, Mich.

A. L. Strauss, Michael Reese Hospital, Chicago, Ill.

XIV International Congress of Limnology, Vienna, Australia :

American Society of Limnology and Oceanography, University of Michigan, Ann Arbor, Mich.

Fourteenth Session of the International Commission on Illumination, Brussels, Belgium :

H. R. Blackwell, Ohio State University, Columbus, Ohio

R. M. Boynton, University of Rochester, Rochester, N.Y.

G. A. Fry, The Ohio State University, Columbus, Ohio

H. Helson, University of Texas, Austin, Tex.

Interamerican Course on Cosmic Rays, Bariloche, Argentina :

R. L. Chasson, University of Nebraska, Lincoln, Nebr.

International Colloquium on Fast Reactions in Solution, Hahnenklee, Germany :

H. Eyring, University of Utah, Salt Lake City, Utah

R. M. Noyes, University of Oregon, Eugene, Oreg.

A. Patterson, Jr., Yale University, New Haven, Conn.

A. C. Wahl, Washington University, St. Louis, Mo.

International Colloquium on Relativistic Theories of Gravitation, Abbaye du Royau-ment, France :

G. E. Tauber, Western Reserve University, Cleveland, Ohio

International Commission in Illumination, 14th Congress, Brussels, Belgium :

P. F. O'Brien, University of California, Los Angeles, Calif.

D. M. Finch, Illumination Laboratory, Richmond, Calif.

J. W. Griffith, Southern Methodist University, Dallas, Tex.

E. M. Strong, Cornell University, Ithaca, N.Y.

International Conference on High Energy Physics, Moscow, Russia :

C. Ning Yang, Institute for Advanced Study, Princeton, N.J.

International Conference on High Energy Accelerators and Instrumentation, Geneva, Switzerland :

S. DeBenedetti, Carnegie Institute of Technology, Pittsburgh, Pa.

E. M. Harth, Syracuse University, Syracuse, N.Y.

International Conference on Information Processing, Paris, France :

J. W. Mauchly, Ambler, Pa.

International Conference on Coordination Chemistry, London, England :

Arthur W. Adamson, University of Southern California, Los Angeles, Calif.

F. A. Cotton, Massachusetts Institute of Technology, Cambridge, Mass.

H. Freiser, University of Arizona, Tucson, Ariz.

R. E. Hamm, University of Utah, Salt Lake City, Utah

G. S. Hammond, California Institute of Technology, Pasadena, Calif.

G. Harris, University of Buffalo, Buffalo, N.Y.

S. Kirschner, Wayne State University, Detroit, Mich.

N. C. Li, Duquesne University, Pittsburgh, Pa.

G. Maki, Radiation Laboratory, University of California, Livermore, Calif.

A. E. Martell, Massachusetts Institute of Technology, Cambridge, Mass.

M. Orchin, University of Cincinnati, Cincinnati, Ohio

L. Vaska, Mellon Institute, Pittsburgh, Pa.

International Congress of the History of Science, Barcelona, Spain :

M. Clagett, Institute for Advanced Study, Princeton, N.J.

C. C. Gillispie, Princeton University, Princeton, N.J.

H. Gueric, Cornell University, Ithaca, N.Y.

International Congress of the History of Science, Barcelona, Spain—Continued

- E. N. Hiebert, University of Wisconsin, Madison, Wis.
B. Hindle, Ridgewood, N.J.
K. Hujer, University of Chattanooga, Chattanooga, Tenn.
M. Kerker, Clarkson College of Technology, Potsdam, N.Y.
T. S. Kuhn, Center for Advanced Study in the Behavioral Sciences, Stanford, Calif.
J. E. Murdoch, Harvard University, Cambridge, Mass.
R. H. Shryock, American Philosophical Society, Philadelphia, Pa.
W. D. Stahlman, Massachusetts Institute of Technology, Cambridge, Mass.
J. R. Ravez, The University, Leeds, England

International Congress on Optics, Stockholm, Sweden :

- G. R. Harrison, Massachusetts Institute of Technology, Cambridge, Mass.
W. L. Hyde, American Optical Company, Southbridge, Mass.
R. C. Jones, Polaroid Corporation, Cambridge, Mass.
G. W. Stroke, Massachusetts Institute of Technology, Cambridge, Mass.
J. Strong, Johns Hopkins University, Baltimore, Md.

International Convention on Transistors and Associated Semi-conductor Devices, London, England :

- R. D. Middlebrook, California Institute of Technology, Pasadena, Calif.

International Federation of Automatic Control Council Meetings, Rome, Italy :

- R. Oldenburger, Purdue University, Lafayette, Ind.

International Mineralogical Association, Zurich, Switzerland :

- M. J. Buerger, Massachusetts Institute of Technology, Cambridge, Mass.
D. J. Fisher, University of Chicago, Chicago, Ill.
C. Frondel, Cambridge, Mass.
G. T. Faust, U.S. Geological Survey, Washington, D.C.
E. Ingerson, University of Texas, Austin, Tex.
H. Winchell, Hamden, Conn.
G. S. Switzer, Smithsonian Institution, Washington, D.C.

International Nomenclature Commission for Veterinary Anatomy, Madrid, Spain :

- R. Getty, Iowa State College, Ames, Iowa
D. K. Detweiler, University of Pennsylvania, Philadelphia, Pa.
L. E. St. Clair, University of Illinois, Urbana, Ill.

International Symposium on Antibiotics, Prague, Czechoslovakia :

- D. Gottlieb, University of Illinois, Urbana, Ill.
N. Molomut, Waldemar Medical Research, Port Washington, N.Y.

International Symposium on Antitubercular Vaccination with Killed Tubercle Bacilli, Florence, Italy :

- A. J. Crowle, University of Colorado Medical School, Denver, Colo.
D. W. Smith, The University of Wisconsin, Madison, Wis.

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

- Dr. Horace R. Byers, The University of Chicago, Chicago, Ill.
International Symposium on Electrolytes, Trieste, Italy :
E. Grunwald, Florida State University, Tallahassee, Fla.
L. Onsager, Yale University, New Haven, Conn.
F. A. Long, Cornell University, Ithaca, N.Y.
G. J. Janz, Rensselaer Polytechnic Institute, Troy, N.Y.
T. Shedlovsky, The Rockefeller Institute, New York, N.Y.

International Symposium on Fluorine Chemistry, Birmingham, England :

- J. Bornstein, Boston College, Chestnut Hill, Mass.
R. Filler, Illinois Institute of Technology, Chicago, Ill.
G. C. Finger, Urbana, Ill.
W. T. Miller, Cornell University, Ithaca, N.Y.
P. Tarrant, University of Florida, Gainesville, Fla.

International Symposium on Foundations of Mathematics: Infinitistic Methods, Warsaw, Poland :

- J. W. Addison, Jr., The University of Michigan, Ann Arbor, Mich.
J. Douglas, Jr., Rice Institute, Houston, Tex.
A. Douglis, University of Maryland, College Park, Md.
L. Henkin, University of California, Berkeley, Calif.
S. MacLane, The University of Chicago, Chicago, Ill.
R. Montague, Oakland, Calif.
D. S. Scott, The University of Chicago, Chicago, Ill.
C. Spector, Ohio State University, Columbus, Ohio
A. Tarski, 462 Michigan Avenue, Berkeley, Calif.
A. Weinstein, University of Maryland, College Park, Md.
H. F. Weinberger, University of Maryland, College Park, Md.
R. L. Vaught, University of California, Berkeley, Calif.

International Symposium on Hematin Enzymes, Canberra, Australia :

- W. D. Bonner, University of Pennsylvania, Philadelphia, Pa.
B. Chance, University of Pennsylvania, Philadelphia, Pa.
D. L. Drabkin, University of Pennsylvania, Philadelphia, Pa.
R. W. Estabrook, University of Pennsylvania, Philadelphia, Pa.
P. George, University of Pennsylvania, Philadelphia, Pa.
M. D. Kamen, Brandeis University, Waltham, Mass.
E. Margoliash, University of Utah, Salt Lake City, Utah
M. Morrison, University of Rochester Medical Center, Rochester, N.Y.
J. B. Neilands, The University of California, Berkeley, Calif.
L. Smith, Dartmouth Medical School, Hanover, N.H.
C. F. Strittmatter, Harvard Medical School, Boston, Mass.

International Symposium on Hematin Enzymes, Canberra, Australia—Continued

A. Tissieres, Harvard University, Cambridge, Mass.

S. F. Velick, Washington University School of Medicine, St. Louis, Mo.

J. H. Wang, Yale University, New Haven, Conn.

International Symposium on Macromolecules, Wiesbaden, Germany:

F. A. Bettelheim, Adelphi College, Garden City, N.Y.

P. J. W. Debye, Cornell University, Ithaca, N.Y.

M. Dole, Northwestern University, Evanston, Ill.

J. J. Hermans, State University College of Forestry, Syracuse, N.Y.

International Symposium on Vegetation Mapping, Stolzenau an der Weser, Germany:

A. W. Kuchler, University of Kansas, Lawrence, Kans.

Joint Symposium on Radiation and Atmospheric Ozone, Oxford, England:

F. N. Frenkiel, The Johns Hopkins University, Baltimore, Md.

Z. Sekera, University of California, Los Angeles, Calif.

Mechanism of Antibody Formation, Prague, Czechoslovakia:

F. J. Dixon, University of Pittsburgh, Pittsburgh, Pa.

R. A. Good, University of Minnesota, Minneapolis, Minn.

T. Makinodan, Oak Ridge National Laboratory, Oak Ridge, Tenn.

R. T. Smith, University of Florida, Gainesville, Fla.

Meetings and Conferences in Russia, during May, 1959, Moscow, Russia:

A. F. Kip, Cambridge University, Cambridge, England

Meeting of European Molecular Spectroscopy Group, Bologna, Italy:

G. M. Barrow, Northwestern University, Evanston, Ill.

B. L. Crawford, Jr., University of Minnesota, Minneapolis, Minn.

Brother C. Curren, University of Notre Dame, Notre Dame, Ind.

R. C. Lord, Massachusetts Institute of Technology, Cambridge, Mass.

G. C. Pimental, University of California, Berkeley, Calif.

K. Innes, Vanderbilt University, Nashville, Tenn.

Meeting International Institute of Welding, Opatiya, Yugoslavia:

A. M. Freudenthal, Columbia University, New York, N.Y.

Meeting of Trade Waste Waters and the Prevention of River Pollution, New Castle, England:

Brother J. McCabe, Manhattan College, New York, N.Y.

Mendelev All-Union Chemical Society Conference on General and Applied Chemistry, Moscow, Russia:

R. F. Baddour, Massachusetts Institute of Technology, Cambridge, Mass.

T. K. Sherwood, Massachusetts Institute of Technology, Cambridge, Mass.

Ninth International Astrophysical Symposium, Liege, Belgium:

L. H. Aller, The University of Michigan, Ann Arbor, Mich.

Ninth International Astrophysical Symposium, Liege, Belgium—Continued

E. M. Burbidge, Yerkes Observatory, Williams Bay, Wis.

G. Burbidge, Yerkes Observatory, University of Chicago, Williams Bay, Wis.

A. J. Deutsch, Mount Wilson and Palomar Observatories, Pasadena, Calif.

R. L. Sears, Indiana University, Bloomington, Ind.

O. Struve, University of California, Berkeley, Calif.

Ninth International Congress of Radiology, Munich, Germany:

W. S. Snyder, University of Tennessee, Knoxville, Tenn.

Nineteen Fifty-nine Conference of Cosmic Ray Committee of the International Union of Pure and Applied Physics, Moscow, Russia:

R. L. Chasson, University of Nebraska, Lincoln, Nebr.

G. Cocconi, Cornell University, Ithaca, N.Y.

L. Davis, Jr., California Institute of Technology Pasadena, Calif.

K. Greisen, Cornell University, Ithaca, N.Y.

D. H. Menzel, Harvard University, Cambridge, Mass.

P. Morrison, Cornell University, Ithaca, N.Y.

V. H. Regener, The University of New Mexico, Albuquerque, N. Mex.

J. A. Van Allen, State University of Iowa, Iowa City, Iowa

Nineteen Fifty-nine Session of the International Commission on Illumination, Brussels, Belgium:

B. H. Evans, Texas Engineering Experiment Station (Texas A. & M. College), College Station, Tex.

Paris Symposium on Information Retrieval, Paris, France:

B. C. Vickery, Imperial Chemical Industries Limited, Hertfordshire, England

Scientific Lectures at Institutions of Higher Learning in Poland:

G. C. Kuczynski, University of Notre Dame, Notre Dame, Ind.

Second Australian Conference on Radiation Biology, Melbourne, Australia:

I. I. Oster, Indiana University, Bloomington, Ind.

Second International Conference on Medical Electronics, Paris, France:

C. T. Dotter, University of Oregon Medical School, Portland, Oreg.

J. K. Hlchar, Ohio Wesleyan University, Delaware, Ohio

A. L. Hopkins, Western Reserve University, Cleveland, Ohio

W. L. Nyborg, Brown University, Providence, R.I.

F. Olmsted, Cleveland Clinic Foundation, Cleveland, Ohio

Second International Congress of Rockets, Paris, France:

E. V. Laitone, The University of California, Berkeley, Calif.

Second Symposium on X-ray Microscopy and X-ray Microanalysis, Stockholm, Sweden:

A. E. Austin, Battelle Memorial Institute, Columbus, Ohio

R. C. Greulich, University of California, Los Angeles, Calif.

J. F. McGee, Saint Louis University, St. Louis, Mo.

Series of Lectures in the U.S.S.R.:

E. Hille, Yale University, New Haven, Conn.

Seventh International Congress of Microbiology, Stockholm, Sweden:

American Institute of Biological Sciences, Washington, D.C.

Seventh Latin American Congress of Chemistry, Mexico City, Mexico:

H. R. Estremera, University of Puerto Rico, Rio Piedras, P.R.

Seventeenth International Congress of Pure and Applied Chemistry, Munich, Germany:

G. Atkinson, University of Michigan, Ann Arbor, Mich.

E. Banks, Polytechnic Institute of Brooklyn, Brooklyn, N.Y.

G. H. Cady, University of Washington, Seattle, Wash.

H. S. Forrest, University of Texas, Austin, Tex.

F. A. Gunther, University of California, Riverside, Calif.

J. F. Guymon, University of California, Davis, Calif.

H. H. Jaffé, University of Cincinnati, Cincinnati, Ohio

J. F. Hazel, University of Pennsylvania, Philadelphia, Pa.

K. Kammermeyer, State University of Iowa, Iowa City, Iowa

F. A. Miller, Mellon Institute, Pittsburgh, Pa.

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

A. O. C. Nier, University of Minnesota, Minneapolis, Minn.

J. H. Richards, California Institute of Technology, Pasadena, Calif.

K. L. Rinehart, Jr., University of Illinois, Urbana, Ill.

R. Roy, Pennsylvania State University, University Park, Pa.

D. Seyferth, Massachusetts Institute of Technology, Cambridge, Mass.

I. Shapiro, Los Angeles, Calif.

D. A. Shirley, University of Tennessee, Knoxville, Tenn.

A. Silverman, University of Pittsburgh, Pittsburgh, Pa.

H. H. Sisler, University of Florida, Gainesville, Fla.

J. M. Smith, Northwestern University, Evanston, Ill.

L. H. Sommer, Pennsylvania State University, University Park, Pa.

S. Sujishi, Illinois Institute of Technology, Chicago, Ill.

R. Ward, University of Connecticut, Storrs, Conn.

E. F. Westrum, Jr., University of Michigan, Ann Arbor, Mich.

M. Kent Wilson, Tufts University, Medford, Mass.

G. N. Kowkabany, The Catholic University of America, Washington, D.C.

Solid State Conference, Melbourne, Australia:

J. C. Fisher, General Electric Research Laboratory, Schenectady, N.Y.

J. J. Gilman, General Electric Research Laboratory, Schenectady, N.Y.

Spallanzani Congress, Reggio, Emilia, Italy:

R. L. Metcalf, University of California, Riverside, Calif.

Spallanzani Congress, Reggio, Emilia, Italy—Continued

D. Bodenstein, National Institutes of Health, Baltimore, Md.

G. S. Fraenkel, University of Illinois, Urbana, Ill.

Study in Endocrinology, Stockholm, Sweden:

L. R. Robbins, The Levy Clinic, Houston, Tex.

Summer Course in Chemistry at The Royal Institute of Technology, Stockholm, Sweden:

W. J. Peterson, North Carolina State College, Raleigh, N.C.

Summer Course in Mathematics at Aarhus University, Denmark:

E. Hemmingsen, Syracuse University, Syracuse, N.Y.

Summer Course in Mathematics at Teacher Training University, Stockholm, Sweden:

D. A. Johnson, University of Minnesota, Minneapolis, Minn.

Summer Course in Physics at Uppsala University, Uppsala, Sweden:

H. G. Hanson, University of Minnesota, Duluth, Minn.

Symposium on Brain Mechanisms and Learning, Montevideo, Uruguay:

K. L. Chow, The University of Chicago, Chicago, Ill.

R. W. Doty, The University of Michigan, Ann Arbor, Mich.

R. Galambos, Walter Reed Army Institute of Research, Washington, D.C.

J. Olds, The University of Michigan, Ann Arbor, Mich.

F. Morrell, University of Minnesota, Minneapolis, Minn.

Symposium on the Cytochemistry of Enzymes and Antigens, Copenhagen, Denmark:

American Institute of Biological Sciences, Washington, D.C.

Symposium on the Chemistry and Biochemistry of the Solanum Alkaloids, Berlin, Germany:

S. W. Pelletier, The Rockefeller Institute, New York, N.Y.

Symposium on Genetic Control of Protein Specificity, Copenhagen, Denmark:

American Institute of Biological Sciences, Washington, D.C.

Symposium on Glacier Movement, Chamoni, France:

Dr. Robert P. Sharp, California Institute of Technology, Pasadena, Calif.

Dr. James H. Zumberge, University of Michigan, Ann Arbor, Mich.

Symposium on the Immediate and Low Level Effects of Ionizing Radiation, Venice, Italy:

Group Travel for Seven Participants

Symposium on the Problems of the Late Neolithic (or Eneolithic) Period, Prague and Brno, Czechoslovakia:

R. W. Ehrich, Brooklyn, N.Y.

M. Gimbutas, Peabody Museum, Cambridge, Mass.

Symposium on Proteins, Melbourne, Australia:

R. E. Benesch, Marine Biological Laboratory, Woods Hole, Mass.

Symposium on Physiology of the Cell Membrane, Caracas, Venezuela:

J. M. Tobias, Chicago, Ill.

Tenth International Congress of Refrigeration, Copenhagen, Denmark:

F. G. Brickwedde, The Pennsylvania State University, University Park, Pa.
B. H. Jennings, American Society of Heating, Refrigerating and Air-Conditioning Engineers, Cleveland, Ohio.
C. F. Kayan, Columbia University, New York, N.Y.
R. M. Smock, Cornell University, Ithaca, N.Y.
W. J. Taylor, Ohio State University, Columbus, Ohio

Tenth Congress of the International Astronautical Federation, London, England:

G. Lettmann, University of California, Berkeley, Calif.
A. Miele, The University of California, Berkeley, Calif.

Third International Congress on Acoustics, Stuttgart, Germany:

G. von Bekesy, Harvard University, Cambridge, Mass.
R. Beyer, Brown University, Providence, R.I.
R. H. Bolt, Massachusetts Institute of Technology, Cambridge, Mass.
H. A. Erf, Acoustical Society of America, Cleveland, Ohio
J. Goodman, Ocean Avenue, Brooklyn, N.Y.
E. A. Hiedemann, Michigan State University, East Lansing, Mich.
F. V. Hunt, Harvard University, Cambridge, Mass.
R. B. Lindsay, Brown University, Providence, R.I.
H. Medwin, USN Postgraduate School, Monterey, Calif.
R. W. Morse, Brown University, Providence, R.I.
B. Scharf, Northeastern University, Boston, Mass.
J. Tonndorf, Medical Research Center, Iowa City, Iowa
R. A. Walking, Harvard University, Cambridge, Mass.

Twelfth Annual Congress of the International Science Film Association in Moscow, Moscow, Russia:

Dr. Willard Webb, Library of Congress, Washington, D.C.

XXI International Congress of Physiological Sciences, Buenos Aires, Argentina:

National Academy of Sciences-National Research Council, Washington, D.C.

SCIENTIFIC INFORMATION SERVICE

ACTA METALLURGICA, Schenectady, N.Y.

An English Edition of the Russian "Abstract Journal-Metallurgy"; 1 year; \$3,990

An English Edition of the Russian Journal, "Physics of Metals and Metallography"; 1 year; \$15,840

An Expanded English Edition of the Russian "Abstract Journal-Metallurgy"; 1 year; \$25,015

AMERICAN ASSOCIATION FOR ADVANCEMENT OF SCIENCE, Juneau, Alaska; *Study of the Possibility of a Central Alaskan Reference and Information Service*; 3 months; \$2,610

AMERICAN ASSOCIATION OF VARIABLE STAR OBSERVERS; Cambridge, Mass.; *Compilation, Analysis, and Dissemination of Visual Observations of Variable Stars*; 2 years; \$16,000

AMERICAN ASTRONOMICAL SOCIETY, U.S. Naval Observatory, Washington, D.C.; *Preparation of the U.S. Portion of the International Astronomical Union Bibliography for 1881-1898*; 1 year; \$8,100

AMERICAN CRYSTALLOGRAPHIC ASSOCIATION, Baltimore, Md.; *Critical Compilation of Crystal Data*; 1 year; \$17,800

AMERICAN GEOPHYSICAL UNION, Washington, D.C.

An English Edition of the Russian "Bulletin of the Academy of Sciences of the USSR, Geophysics Series"; 1 year; \$44,835
Seriia Geofizicheskata (Bulletin on the Academy of Sciences of the USSR, Geophysics Series); and a Study of the Trudy Geofizicheskogo Instituts Akademii Nauk (Proceedings of the Geophysics Institution of the Academy of Sciences); 1 year; \$38,436

Transactions of the American Geophysical Union and of the New Journal of Geophysical Research; 2 years; \$146,000

Translation and Publication of the Russian "Transactions of the Geophysical Institute of the Academy of Sciences"; 1 year; \$14,420

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

An English Edition of the Russian "Entomological Review"; 1 year; \$30,100

English Editions of Three Russian Journals: Microbiology, Plant Physiology, and Doklady (Biological Science and Botanical Science Sections); 1 year; \$83,718

Experimental Publication of a Scientific Journal in Microform; 3 years; \$11,274

Preliminary Study Program for Improving the Communication of Biological Information; 3 months; \$13,248

Preparation of a Supplement to the "Bibliography of Eastern Asiatic Botany", by E. D. Merrill and E. H. Walker; 1 year; \$30,211

Publication of an English Translation Manuscript of a Russian Monograph, X-Rays and Plants, by L. P. Breslavets; 6 months; \$7,600

Publication of an English Translation Manuscript of "Arachnoidea, Vol. VI, No. 1, Fauna of the USSR", by A. A. Zachvatkin; 6 months; \$9,578

Publication of an English Translation Manuscript of "Arachnoidea, Vol. IV, No. 2, Fauna of the USSR"; 6 months; \$10,625

Translation and Publication of the Russian "Proceedings of the Academy of Sciences of the USSR—Biochemistry Section"; 1 year; \$19,050

Translation and Publication of the Russian Volume "Marine Biology," Trudi Instituta of Oceanography, Volume XX; 1 year; \$13,494

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

English Edition of the Russian "Journal of Acoustics"; 1 year; \$7,260

An English Edition of the Russian Journal, "Astronomical Journal"; 1 year; \$27,250

An English Edition of the Russian Journal "Crystallography"; 1 year; \$20,050

English Edition of the Russian "Journal of Experimental and Theoretical Physics"; 1 year; \$46,900

An English Edition of the Russian Journal "Progress of Physical Sciences"; 4 months; \$12,740

English Edition of the Russian "Journal of Technical Physics"; 1 year; \$17,750

English Editions of Three Russian Journals: "Journal of Technical Physics", "Doklady" (Physics Section) and "Journal of Acoustics"; 1 year; \$196,000

Journal of Mathematical Physics; 3 years; \$64,800

Support for a Series of Critical Reviews in Physics; 2 years; \$29,325

Translation and Publication of the Physics Section of the Russian Journal, "Doklady"; 1 year; \$23,850

Translation and Publication of the Russian "Journal of Experimental and Theoretical Physics"; 1 year; \$47,200

Translation of the Russian Book "Wave Propagation in Layered Media," by L. M. Brekhovskikh; 1 year; \$6,325

AMERICAN JOURNAL OF SCIENCE, New Haven, Conn.; Radiocarbon-Date Publication; 1 year; \$2,950

AMERICAN MATHEMATICAL SOCIETY, Providence, R.I.

Extend the Program for Translation and Publication of Russian Mathematical Literature To Include Mathematical Statistics and Probability; 5 months; \$7,602

Mathematical Reviews; 1 year; \$55,000

A Preliminary Project Leading to the Preparation of a Russian-English, English-Russian Mathematical Dictionary; 6 months; \$5,290

AMERICAN METEOROLOGICAL SOCIETY, Boston, Mass.; Translation and Publication of Selected Russian Monographs in the Field of Meteorology; 1 year; \$16,790

AMERICAN MUSEUM OF NATURAL HISTORY, New York, N.Y.; Butterflies of the American Tropics: the Genus *Anaea*; 1 year; \$12,000

AMERICAN PHYTOPATHOLOGICAL SOCIETY, c/o Plant Industry Station, Beltsville, Md.; Preparation of an Annotated Bibliography of Reviews in Plant Pathology; 18 months; \$8,000

AMERICAN ROCKET SOCIETY, INC., New York, N.Y.; The Translation and Publication of Selected Russian Material in the Field of Astronautics; 1 year; \$30,200

AMERICAN SOCIETY OF MECHANICAL ENGINEERS, New York, N.Y.

Applied Mechanics Reviews; 1 year; \$10,000

Publication of a Book Entitled "Spray Literature Abstracts"; 1 year; \$5,000

Theory of Elastic Thin Shells; 3 years; \$13,500

Translation and Publication of the Russian Journal, "Applied Mathematics and Mechanics"; 1 year; \$40,000

Translation and Publication of the Russian Journal "Applied Mathematics and Mechanics"; 1 year; \$30,000

ARCTIC INSTITUTE OF NORTH AMERICA, Washington, D.C.; Arctic Bibliography; 1 year; \$25,000

ASSOCIATION FOR APPLIED SOLAR ENERGY, Phoenix, Ariz.; Partial Support of "Solar Energy": The Journal of Solar Energy Science and Engineering; 3 years; \$43,500

BERNICE P. BISHOP MUSEUM, Honolulu, Hawaii; Secretariat of the Pacific Science Association; 4 years; \$13,000

BIOLOGICAL ABSTRACTS, University of Pennsylvania, Philadelphia, Pa.; Expansion of Coverage of Biological Abstracts; 1 year; \$150,000

BROOKLYN COLLEGE, Brooklyn, N.Y.; Continued Partial Support of "Sociological Abstracts"; 1 year; \$5,200

BUREAU OF LABOR STATISTICS, U.S. DEPARTMENT OF LABOR, Washington, D.C.; Segmental Studies of Demand for Scientific and Technical Personnel; 1 year; \$45,500

CALIFORNIA INSTITUTE OF TECHNOLOGY, Pasadena, Calif.; Tenth General Assembly of the International Astronomical Union; 2 months; \$200

UNIVERSITY OF CALIFORNIA, Berkeley, Calif.

Compilation of Volume VII of the "World Bibliography of Fossil Vertebrates and Paleolithic Anthropology"; 4 years; \$25,050

Continued Support of Research on the Machine Translation of Russian Technical Literature; 1 year, \$57,900

Machine Translation of Russian Technical Literature; 1 year; \$40,500

UNIVERSITY OF CALIFORNIA, Los Angeles, Calif.; Mosquitoes of the South Pacific; 1 year; \$6,000

CAMBRIDGE LANGUAGE RESEARCH UNIT, Cambridge, England; New Logico-Mathematical Methods for the Analysis of Languages for Machine Translation; 1 year; \$35,650

CASE INSTITUTE OF TECHNOLOGY, Cleveland, Ohio.

Compilation of a Comprehensive Bibliography on Operations Research for 1957 Through 1959; 18 months; \$5,000

An Operations-Research Study of the Scientific Reading of Chemists and Physicists; 1 year; \$40,250

UNIVERSITY OF CHICAGO, Chicago, Ill.; Stars and Stellar Systems; 2 years; \$8,800

COLUMBIA UNIVERSITY, New York, N.Y.; Review of Studies of Scientists' Information-Gathering Behavior; 5 months; \$6,100

CORNELL UNIVERSITY, Ithaca, N.Y.; Preparation and Publication of the Bibliography of Extraterrestrial Radio Noise; 16 months; \$9,200

EARTHQUAKE ENGINEERING RESEARCH INSTITUTE, Pasadena, Calif.; Construction in Seismic Regions and Norms and Regulation in Seismic Regions; 1 year; \$4,350

ENGINEERS JOINT COUNCIL, New York, N.Y.; An Investigation, Evaluation, and Report on the Current Availability of Polytechnical Dictionaries and Technical Glossaries, and an Examination of the Need for Additional Dictionaries in Engineering and Scientific Fields; 5 months; \$4,500

ENGINEERING MANPOWER COMMISSION, New York, N.Y.; An Analysis of Salary and Other Income of Engineering Faculty Members; 3 months; \$6,800

FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY, Washington, D.C.; Study of a Mechanical System of Programming Large Scientific Meetings and Test of the System by Experimental Trial; 1 year; \$15,000

GENETICS, INC., University Station, Austin, Tex.; Publication of Manuscript Backlog—Genetics; 1 year; \$35,000

GEOCHEMICAL SOCIETY, GEOPHYSICAL LABORATORY, Washington, D.C.

An English Edition of the 1956 Issues of the Russian Journal, "Geochemistry"; 1 year; \$10,700

An English Edition of the 1957 Issues of the Russian Journal, "Geochemistry"; 1 year; \$10,700

- English Edition of the Russian Journal, "Geochemistry"; 1 year; \$13,200*
- HARVARD UNIVERSITY, Cambridge, Mass.; *Research on Automatic Translation of Russian Into English; 1 year; \$220,000*
- UNIVERSITY OF ILLINOIS, Urbana, Ill.; *An Index of Scientific Names of Algae; 2 years; \$16,000*
- INSTITUTE OF MATHEMATICAL STATISTICS, Ithaca, N.Y.; *The Annals of Mathematical Statistics; 3 years; \$18,000*
- INSTRUMENT SOCIETY OF AMERICA, Pittsburgh, Pa.; *An English Edition of the Russian Journal, "Automation and Remote Control"; 1 year; \$24,000*
- INTERNATIONAL ASSOCIATION FOR PLANT TAXONOMY, Cambridge, Mass.; *Index Bryologicus; 1 year; \$11,000*
- INTERNATIONAL COUNCIL OF SCIENTIFIC UNIONS, PALEIS-NOORDEINDE, The Hague, Holland; *International Abstracting Board; 1 year; \$7,500*
- INTERNATIONAL STATISTICAL INSTITUTE, Raleigh, N.C.; *Establishment of an Abstracting Journal Covering Statistical Theory and Method; 1 year; \$16,200*
- JOSIAH MACY, JR., FOUNDATION, New York, N. Y.; *For the Publication of the Proceedings of the Second Conference on the Central Nervous System and Behavior; 1 year; \$12,000*
- LIBRARY OF CONGRESS, Washington, D.C.
Bibliography of U.S. Abstracting and Indexing Services; 1 year; \$10,000
Compilation of Accessions List of Scientific and Technical Serials of the Library of Congress; 1 year; \$420
Partial Support of Compilation and Publication of World List of Future International Meetings, Part I, Scientific and Technical Meetings; 6 months; \$5,000
Preparation and Publication of a Guide to International Information Facilities in Science, Technology, Medicine and Agriculture; 1 year; \$34,800
Publication of a Selected Bibliography of Japanese Serial Publications in Science and Technology; 6 months; \$2,290
Reference Center for Reports on Government-Supported Scientific Research; 1 year; \$1,005
A Slavic Scientific Literature Specialist; 1 year; \$10,000
Source File of Soviet Science Information; 1 year; \$13,112
Study of the Availability and Utilization of Japanese Scientific Literature in the United States; 1 year; \$16,812
Study of the Availability and Utilization of Japanese Scientific Literature in the United States; 1 year; \$262
A Subject Index to the ASTIA "Title Announcement Bulletin"; 6 months; \$4,020
- WILLIAM C. MARTIN, NATIONAL BUREAU OF STANDARDS, Washington, D.C.; *Partial Support of Excess Publication Costs of a Paper in the "Journal of the Optical Society of America"; 1 year; \$400*
- MASSACHUSETTS INSTITUTE OF TECHNOLOGY, Cambridge, Mass.
Basic Research on Methods of Translating Languages by Machine; 1 year; \$90,600
English Editions of Three Russian Journals: "Radio Engineering," "Radio Engineering and Electronics," and "Telecommunications"; 1 year; \$52,500
- UNIVERSITY OF MICHIGAN, Ann Arbor, Mich.; *Compilation of a Russian-English and English-Russian Mathematical Dictionary; 1 year; \$16,790*
- UNIVERSITY OF MICHIGAN RESEARCH INSTITUTE, Ann Arbor, Mich.; *Preparation of "An Economic Atlas of the Soviet Union"; 1 year; \$9,500*
- MIDWEST INTER-LIBRARY CENTER, Chicago, Ill.; *Scientific Journals Center; 1 year; \$19,160*
- MIDWEST RESEARCH INSTITUTE, Kansas City, Mo.; *Exploratory Use of a System to Reveal New Uses for Chemical Compounds; 1 year; \$10,000*
- MUSEUM OF SCIENCE AND INDUSTRY, Chicago, Ill.; *Display of Brussels Fair Science Exhibits at the Chicago Museum of Science and Industry for Fostering Interchange of Scientific Information; \$31,714*
- NATIONAL ACADEMY OF SCIENCES-NATIONAL RESEARCH COUNCIL, Washington, D.C.
Atmospheric Chemistry of Chlorine and Sulfur Compounds; 1 year; \$3,550
A Descriptive Area Scientific Research and Information Study in Indonesia; 3½ months; \$8,200
Dissemination of Scientific Information; 5 months; \$7,475
"High Energy Physics Newsletter"; 1 year; \$7,000
International Conference on Scientific Information; 6 months; \$80,600
Office of Critical Tables; 3 years; \$198,500
Reorganization and Publication of Geological Abstracts; 18 months; \$60,285
Support of an English Edition of the Russian "Bulletin (Izvestiia) of the Academy of Sciences of the USSR: Geology Series"; 1 year; \$40,200
A Survey of the Accumulation and Dissemination of Scientific Information in Vietnam; 1 month; \$1,450
- NATIONAL BOOK LEAGUE, London W. 1., England; *Preparation for Test of the Kyle Classification for the Social Sciences; 2 years; \$17,000*
- NATIONAL BUREAU OF STANDARDS, Washington, D.C.
Preparation of a Handbook of Mathematical Tables; 18 months; \$40,000
Research Advisory Service on Information Processing; 9 months; \$105,000
A Study of Multiple Relations in Information Retrieval Systems; 1 year; \$22,900
- NATIONAL FEDERATION OF SCIENCE, Philadelphia, Pa.; *Partial Support for the Federation for the 1st year (Executive Secretary and Office, and Working Meetings); 1 year; \$15,500*
- NATIONAL FEDERATION OF SCIENCE ABSTRACTING AND INDEXING SERVICES, Philadelphia, Pa.; *Compilation of a Union List of Periodicals Covered by 12 Major U.S. Abstracting and Indexing Services; 1 year; \$13,500*
- NEW YORK PUBLIC LIBRARY, New York, N.Y.; *Support of a Study of the Organization of Science and Scientific Publishing in Poland; 1 year; \$8,050*
- NEW YORK UNIVERSITY, New York, N.Y.; *A Survey of Needs and Desirable Priorities for Russian-English Dictionaries in the Fields of Mathematics, the Natural Sciences, and Technology; 6 months; \$14,700*

- NORTH CAROLINA STATE COLLEGE OF AGRICULTURE AND ENGINEERING, Raleigh, N.C.; *Catalogue of the Homoptera of the World*; 2 years; \$39,200
- UNIVERSITY OF NORTH CAROLINA, Chapel Hill, N.C.; *Support of an Evaluation and Report on Automatic Programming and Numerical Analysis in the Soviet Union*; 1 year; \$6,900
- NORTHWESTERN UNIVERSITY, Evanston, Ill.; *Scientific Papers of Frans Boas*; 1 year; \$12,300
- OCHANOMIZU UNIVERSITY, Tokyo, Japan; *Translation From the Japanese of the Book "Invertebrate Embryology"*; 2 years; \$8,200
- OPTICAL SOCIETY OF AMERICA, Rochester, N.Y.; *Support of an English Edition of the Russian Journal "Optics and Spectroscopy"*; 1 year; \$74,750
- UNIVERSITY OF OREGON, Eugene, Oreg.; *Dissemination of Scientific Information in Connection With Basic Research Exhibit at Oregon Centennial Exposition*; 4 months; \$2,450
- ROBERT S. PEABODY FOUNDATION FOR ARCHAEOLOGY, PHILLIPS ACADEMY, Andover, Mass.; *Radiocarbon Samples and Their Dates*; 7 months; \$500
- UNIVERSITY OF PENNSYLVANIA, Philadelphia, Pa.
Bibliography of the Flowering Plants of Mexico; 2 years; \$10,500
Continued Support of Research on Linguistic Transformations for Information Retrieval; 2 years; \$321,800
Investigation of Linguistic Transformations for Information Retrieval; 6 months; \$31,400
- PRINCETON UNIVERSITY PRESS, Princeton, N.J.; *Some Problems of Chemical Kinetics and Reactivity*; 6 months; \$1,000
- PURDUE RESEARCH FOUNDATION, Lafayette, Ind.; *Study of the Structure of Abstracting Sources With Respect to Coverage of Information on Thermophysical Properties*; 1 year; \$25,725
- UNIVERSITY OF RHODE ISLAND, Kingston, R.I.; *Preparation of a Manuscript on "The Characeae"*; 1 year; \$2,300
- SMITHSONIAN INSTITUTION, Washington, D.C.; *Partial Support for the Operating Expenses of the Bio-Sciences Information Exchange*; 1 year; \$25,000
- SOCIETY OF SYSTEMATIC ZOOLOGY, Chicago, Ill.; *Directory of Specialists in the Taxonomy of Animals*; 1 year; \$14,800
- SPECIAL LIBRARIES ASSOCIATION, New York, N.Y.; *Scientific Translations Center*; 1 year; \$24,124
- U.S. JOINT PUBLICATIONS RESEARCH SERVICE OFFICE OF TECHNICAL SERVICES, U.S. DEPARTMENT OF COMMERCE, New York, N.Y.
Translation of the "Referativnyi Zhurnal-Biologiya"; 3 months; \$16,665
Translation From Russian to English of the Monograph "Basic Concepts in Contemporary Physics"; 3 months; \$1,862
- UNIVERSITY OF UTAH, Salt Lake City, Utah; (Leo T. Samuels); *Travel in Australia and Orient to Visit Laboratories Studying Steroid Endocrinology*; 6 months; \$1,095
- YALE UNIVERSITY PRESS, New Haven, Conn.; *Translation of the Ecology of Food Fishes by Dr. V. S. Ilev*; 1 year; \$3,000