

CATALOG  
OF  
HEALTH CARE PROGRAMS  
FISCAL YEAR ENDED  
JUNE 30, 1972

JOINT LEGISLATIVE AUDIT COMMITTEE  
VINCENT THOMAS, CHAIRMAN  
ROOM 4126  
STATE CAPITOL

# Joint Legislative Audit Committee

GOVERNMENT CODE: SECTIONS 10500-10504

## California Legislature

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The Honorable President of the Senate  
The Honorable Speaker of the Assembly  
The Honorable Members of the Senate and the  
Assembly of the Legislature of California

Sirs:

We herewith transmit a report on federal, state, and privately funded health care programs. This report is prepared in the form of a catalog for the convenience of the users.

Each program is described in sufficient detail to disclose its authorization, objectives, type of assistance, the amount of funds available, eligibility for the funds, and how the funds may be used. Also listed are the contact agencies through which information and applications for the funds and programs may be obtained.

We did not find any major publicly funded programs which originate below the state level. City, county and local governmental agencies are using their resources to implement state and federal programs that require matching funds or local financial participation.

The report identifies 244 programs available in 1971-72 which probably will be continued in subsequent years. The federal funded programs amount to \$7.3 billion of which California should receive around 10 percent or \$730 million. The amount of federal funds the California state, local, and private health agencies have received has not been determined. State funded programs amounting to \$140 million are reported. Privately funded programs amounting to \$14 million are reported.

The total of all funds available for expenditure by categories follows:

Facilities	\$ 992	million
Youth Health	412	"
Mental Health	547	"
General Health	4,438	"
Research Grants	678	"
Training Grants	283	"
Education Grants	<u>108</u>	"
Total	\$7,458	"

The purpose of preparing this catalog is to inform the public as to the availability of funds to implement health care programs where needed. We have been concerned about the need to provide adequate emergency and continuing health care services throughout the state, especially in low income areas.

It is anticipated that this report will help governmental, and private agencies to implement health care programs where needed to improve the quality of life for many individuals.

Respectfully submitted,



VINCENT THOMAS, Chairman  
Joint Legislative Audit Committee

CATALOG OF HEALTH CARE PROGRAMS

INTRODUCTION

The purpose of this compilation of grants and other types of assistance is to provide a systematic reference to the medical and health programs available to public and private agencies. It is not intended as a comprehensive investigation of all of the types of assistance. It is, rather, an attempt to provide a simplified and convenient listing to those programs which make available monies and assistance for medical and health projects.

It is expected that this catalog will reveal many new sources of funding for medical and health projects for:

- State and local governments in California
- Public agencies such as hospitals and universities
- Private agencies such as nonprofit research organizations and neighborhood health centers
- Individuals engaged in medical research and education.

Much of the information contained in this catalog is available from other sources. However, we feel that this catalog is unique in that for the first time, a catalog has been prepared which includes only medical and health programs. Also, for the first time, the programs sponsored by federal, state, and nonprofit agencies are included under one cover.

The information for this catalog was obtained for the most part from the catalogs and directories listed in the bibliography (Page H-33). We also interviewed personnel from the various state health agencies to obtain

descriptions of their programs. In addition, we sent the letter and questionnaire shown at H-35 to 71 foundations located through the country.

It should be pointed out that although the state and local governmental agencies administer many programs, most of these programs are federally funded and are therefore shown as federal programs. Where applicable, we have included the citation to the state code enabling the State of California to participate in the federal program.

We have included in this catalog those programs which provide such assistance as:

- Formula grants for planning and aid for ongoing health service activities
- Project grants for basic research, manpower training, and faculty construction
- Fellowships
- Scholarships
- Grants to capitalize student loan funds
- Direct loans for facility construction
- Mortgage insurance for facility construction

The programs described herein are current for fiscal year ended June 30, 1972, as are the financial data included in the description. Although the programs sponsored by the federal and state governments are subject to fiscal cutbacks, only those programs which have strong indications of renewal were included in the catalog.

This catalog is being prepared in loose-leaf form to enable any changes to be made without requiring that the entire catalog be reprinted. For future updates, the financial data will be shown in an appendix to this catalog.

CATALOG OF HEALTH CARE PROGRAMS

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**GRANTS FOR RESEARCH CENTER OPERATIONS**

CANCER - RESEARCH CENTERS

AUTHORIZATION

Public Health Service Act; Public Law 78-410; 42 U.S.C. 282.

OBJECTIVES

To provide a multidisciplinary approach in both basic and clinical cancer research toward the cause, prevention, and methods of diagnosis in the treatment of cancer.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 - \$49,515,000

Grant Range \$56,000 to \$2,200,000

Average Grant \$461,000

Sharing Ratio - Current legislation requires that the grantee also participate in the cost of each research project. Cost-sharing agreements are individually negotiated with the grantee.

ELIGIBILITY

University, college, hospital, public agency, or nonprofit research institution.

USE AND RESTRICTIONS

Grants may be made for "Specialized Research Centers", the critical characteristics of which will be the relationship of the center to an allied medical-education institution, which will enable the

center to attack the problems through a multidisciplinary approach to cancer research. A one to two year exploratory grant may also be made to determine the feasibility of a Specialized Research Center. The grants may be used for personnel salaries, equipment, supplies, hospitalization (inpatient and outpatient), travel, acquisition, care, and use of experimental animals, miscellanea such as books and periodicals, telephone, consultant fees, and purchase of drugs. Restrictions are imposed against the use of funds for entertainment, foreign travel (unless specifically authorized), office equipment, and other items not normally necessary for the effective prosecution of such research.

CONTACT AGENCY

Special Programs Branch, Extramural Activities, National Cancer Institute, National Institutes of Health, 5333 Westbard Avenue, Bethesda, Maryland 20014.

CANCER - LEUKEMIA RESEARCH SUPPORT CENTERS

AUTHORIZATION

Public Health Service Act; Public Law 78-410; 42 U.S.C. 282.

OBJECTIVES

To support research in improving survival of patients undergoing intensive therapy for leukemia or other malignancies.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 - \$1,851,000

Grant Range \$1,500 to \$207,000

Average Grant \$54,000

Sharing Ratio - Grantee must participate in the cost of each research project. Cost-sharing agreements are individually negotiated with the grantee.

ELIGIBILITY

University, college, hospital, public agency or nonprofit research institution.

USE AND RESTRICTIONS

Projects are supported for the study of the treatment of leukemia and other malignancies. The major use of these funds has been to support the procurement of platelets and research on the efficacy of platelet transfusions in controlling life-threatening hemorrhage.

The grants may be used for personnel, consultant costs, equipment, supplies, travel, patient costs, animals, alterations and renovations, miscellaneous and indirect costs.

Restrictions for National Institute of Health grants include the following: Invention statements shall be furnished annually. Institution wide assurance of compliance with requisite community laws regarding investigations involving human subjects is required. Equipment, publications and travel are subject to certain restrictions; e.g., dollar amounts on equipment, prior approval on foreign travel and the publishing of books, monographs or pamphlets. Additional detailed information may be obtained from Public Health Service publication 1301.

CONTACT AGENCY

Awards Review and Technical Administration Branch, Extramural Activities, National Cancer Institute, Bethesda, Maryland 20014.

AMERICAN CANCER SOCIETY, INC.

(RESEARCH PROFESSORSHIPS)

OBJECTIVES

To further create imagination and maximal productivity in cancer research.

TYPES OF ASSISTANCE

Grants to assist in creating faculty-level positions, other than administrative, for investigators of exceptional promise in those branches of the medical, biological, and related physical sciences of importance to the cancer problem.

FUNDS AVAILABLE

Grants may be used only to compensate those appointed to newly-created research professorships. Grants are intended to provide stipends commensurate with the investigator's experience and accomplishment.

ELIGIBILITY

Institutions of higher learning in the United States and its territories are eligible to nominate investigators who are at least five years beyond the doctorate. Since grants are awarded directly to institutions, it is not required that nominees be United States citizens.

DEADLINE - DURATION

Applications are considered at committee meetings held three times each year. Deadlines for receipt of completed materials to be reviewed at these meetings are December 1 (for approximate grant

activation date of July 1), April 1 (activation date of December 1), and August 1 (activation date of March 1). Applications should be submitted enough in advance of the deadline dates to allow sufficient time for staff preparation. Grants may provide support for that period of time until the nominee's retirement.

CONTACT AGENCY

The Research Department, American Cancer Society, Inc., 219 East 42nd Street, New York, New York 10017.

HEART AND LUNG RESEARCH  
SPECIALIZED RESEARCH CENTERS

AUTHORIZATION

National Heart Act Public Law 80-655; Public Health Service Act, as amended, Section 301(c) and (d); 42 U.S.C. 241, 287-287c.

OBJECTIVES

To expedite the development and application of new knowledge essential for improved diagnosis, treatment and prevention of arteriosclerosis, thrombosis, hypertension, and pulmonary diseases.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 - \$16,442,000

Grant Range \$134,625 to \$992,586

Average Grant \$483,583

Sharing Ratio - Current legislation requires that the grantee participate in the cost of each research project. Cost-sharing agreements are negotiated with the grantee.

ELIGIBILITY

Any nonprofit organization engaged in health research that has an organizational unit dedicated to one of the research areas listed in the objectives. Each center will devote its effort to one or more of the recognized problems. Approaches may include fundamental multidisciplinary aspects, as well as clinical application and trials.

USE AND RESTRICTIONS

A center must be dedicated to one of the research areas listed in the objectives, and must devote major effort to one or more of the identified problem areas. Funds are used primarily to support additional personnel, equipment, supplies, and hospital charges. Restrictions are imposed against new construction. Facilities must be available for the primary needs of the center requiring no more than moderate modifications. Restrictions are also imposed against using funds for entertainment, foreign travel, office equipment, and other items not normally necessary for effective prosecution of such research.

CONTACT AGENCY

Associate Director for Extramural Research and Training, National Heart and Lung Institute, Bethesda, Maryland 20014.

SPECIAL PROJECT GRANTS FOR  
IMPROVEMENT IN NURSE TRAINING

AUTHORIZATION

Nurse Training Act of 1964; Public Law 88-581; Health Manpower Act of 1968, Title II; Public Law 90-490; 42 U.S.C. 292-298.

OBJECTIVES

To help schools of nursing and also nonprofit agencies, organizations, and institutions improve the quality and availability of nursing education opportunities.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 -	\$18,200,500
Grant Range	\$2,436 to \$246,162
Average Grant	\$48,275

ELIGIBILITY

Public or nonprofit agencies, organizations, or institutions are eligible as well as are diploma, associate degree, baccalaureate, and higher degree programs of nursing education.

USE AND RESTRICTIONS

Direct costs are allowed to cover salaries of personnel specifically employed for the project; consultant fees; supplies and equipment necessary to conduct the project; essential travel expenses; and other related costs. In addition, indirect costs (overhead) are allowed for

operating expenses, such as executive and administrative costs; accounting; building maintenance and janitorial services, utilities, and other expenses.

CONTACT AGENCY

Division of Nursing, Bureau of Health Manpower Education, National Institutes of Health, 9000 Rockville Pike, Bethesda, Maryland 20014.

GENERAL CLINICAL RESEARCH CENTERS

AUTHORIZATION

Public Health Service Act of 1944, as amended, Section 301(d);  
42 U.S.C. 241.

OBJECTIVES

To create and sustain on a stable basis, highly specialized institutional resources in which clinical investigators can observe and study human disease.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 - \$39,000,400  
Grant Range \$100,606 to \$1,002,574  
Average Grant \$406,890

ELIGIBILITY

Public or nonprofit private medical schools, research hospitals, and other medical institutions capable of carrying out well-designed studies in any preclinical or clinical science, working with human patients.

USE AND RESTRICTIONS

Such centers operate as discrete, multidepartmental, multicategorical facilities. Centers are an institutional resource where scientists from many departments correlate their laboratory studies with

carefully controlled clinical investigations and analyses. Grants pay the cost of renovation of facilities, equipment, hospitalization, core laboratory, salaries of center director, nurses, and technicians, and other operational costs.

CONTACT AGENCY

General Clinical Research Centers Branch, Division of Research Resources, National Institutes of Health, Bethesda, Maryland 20014.

GRANTS FOR FACILITY CONSTRUCTION

HEALTH FACILITIES CONSTRUCTION - GRANTS

(HILL-BURTON PROGRAM)

AUTHORIZATION

Federal - Public Health Service Act, Title VI, Public Law 88-443 as amended by Public Law 91-296; 42 U.S.C. 291.

State - Health and Safety Code, Division 1, Part 1, Chapter 3, 4, and 5, commencing with Section 430.

OBJECTIVES

To assist the states in planning for, and providing of hospitals, public health centers, state health laboratories, outpatient facilities, emergency rooms, neighborhood health centers, long-term care facilities (nursing homes, chronic disease hospitals, and long-term units of hospitals), rehabilitation facilities, and other related health facilities.

TYPE OF ASSISTANCE

Formula Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 - \$58,280,000

Grant Range \$30,000 to \$8,000,000

Average Grant \$450,000

Sharing Ratio - The categories of hospitals and public health centers, outpatient facilities, long-term care facilities, and rehabilitation facilities are allocated among the states on the basis of population

weighed by allotment percentage (representing per capita income) square  
Modernization grants are allocated on the basis of population, per  
capita income, and the need for modernization. The Federal share can  
be up to 2/3 of total eligible costs. Incentives possible for pro-  
jects which are in poverty areas, shared services among facilities, show  
interfacility cooperation, or reduce health costs through free-standing  
outpatient facilities.

#### ELIGIBILITY

State and local governments, hospital districts or authorities, and  
private non-profit organizations. Private for-profit corporations are  
not eligible.

#### USE AND RESTRICTIONS

The grants, combined with local funds, may be used for the new con-  
struction or replacement of facilities, the expansion or remodeling of  
existing facilities or buildings, and equipment necessary for a con-  
struction project or for the provision of a new service in a community.  
Federal assistance is not available for the purchase of land except  
for public health centers.

#### CONTACT AGENCY

Chief, Bureau of Health Facilities Planning and Construction, California  
State Department of Public Health, 744 "P" Street, Sacramento, California  
95814



USE AND RESTRICTIONS

Grant funds must be used to remodel existing state home hospital/  
domiciliary facilities. Grants are not for new construction.

Projects must have Veterans Administration approval and funding.

CONTACT AGENCY

Director, Extended Care Services (126), Veterans Administration  
Central Office, Washington, D. C. 20420.

CONSTRUCTION GRANTS FOR SCHOOLS OF NURSING

AUTHORIZATION

Nurse Training Act of 1964; Public Law 88-581, Title VIII; 58 Statutes 682, as amended by Health Manpower Act of 1968; Public Law 90-490, Title II; 82 Statutes 750; 42 U.S.C. 296-296(c), 298.

OBJECTIVES

To increase the number of nurses and improve the quality of education for nursing practice by providing federal assistance for the construction of schools of nursing, and/or for the replacement, renovation, expansion, or equipping of such facilities.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations-	fiscal year 1972 - \$8,000,000
Grant Range	\$50,000 to \$3,400,000
Average Grant	\$1,141,400
Sharing Ratio -	
	Federal - various, maximum of 66 percent

ELIGIBILITY

Must be a collegiate, associate degree, or diploma school of nursing. Schools must be accredited by, or located in, an institution accredited by one of the associations or agencies approved for this purpose by the Commissioner of Education.

USE AND RESTRICTIONS

Nursing education facilities built with federal construction awards may not be used for sectarian instruction or religious worship, and must be used for 20 years for the training purposes for which constructed.

CONTACT AGENCY

Regional Nursing Consultants in Department of Health, Education, and Welfare regional office (Appendix A).

GRANTS TO STATES FOR CONSTRUCTION OF  
STATE NURSING HOME CARE FACILITIES

AUTHORIZATION

Public Law 88-450; Public Law 89-311; Public Law 90-432;  
38 U.S.C. 5035-5037.

OBJECTIVES

To assist states in the construction of state home facilities  
to furnish nursing home care to war veterans.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations- fiscal year 1972 - \$4,500,000

Grant Range \$158,000 to \$2,000,000

Average Grant \$600,000

Sharing Ratios:

Federal - up to 50%

California - at least 50%

ELIGIBILITY

Applicant - California State Department of Veterans Affairs upon  
assurance that the facility will be operated by the state as a  
state home to furnish nursing home care to war veterans.

Beneficiary - War veterans must meet state admission criteria  
which includes residence in the state for a specific period.

USE AND RESTRICTIONS

Grant funds must be used to construct nursing home care projects which have VA approval and funding.

CONTACT AGENCY

Director, Extended Care Service (126) Veterans Administration,  
Central Office, Washington, D. C. 20420

HEALTH PROFESSIONS FACILITIES CONSTRUCTION

AUTHORIZATION

Public Health Service Act, Title VIII, Part B; Health Professions Educational Assistance Act of 1963, Public Law 88-129; Health Professional Educational Assistance Amendments of 1965, Public Law 89-290; Veterinary Medical Educational Act of 1968, Public Law 89-709; Public Law 90-490; 42 U.S.C. 293-293(h).

OBJECTIVES

To assist in the construction of teaching facilities for schools of medicine, dentistry, osteopathy, optometry, pharmacy, public health, podiatry, and veterinary medicine.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 - \$110,200,000

Grant Range \$100,000 to \$35,300,000

Average Grant \$3,500,000

Sharing Ratios -

Federal - various, maximum 75%

ELIGIBILITY

New and existing schools of medicine, dentistry, osteopathy, optometry, public health, pharmacy, podiatry, and veterinary medicine are eligible for construction grants. Prior to submitting an application a new school must obtain reasonable assurance of accreditation and an existing

school must be accredited by the appropriate national professional association. Prior to funding under this program, the school must demonstrate that (1) the teaching program is accredited by the appropriate national professional association; (2) it has the required matching funds; and (3) it has clear title or leasehold interest in the site.

USE AND RESTRICTIONS

Teaching facilities constructed with assistance from this program must be used for the teaching purposes specified in the application for a period of 20 years. The grantee must construct the facilities as described in the application and in accordance with all applicable construction codes.

CONTACT AGENCY

Program Director, Health Facilities Planning and Construction Service, Department of Health, Education, and Welfare Regional Office (Appendix A).

HEALTH PROFESSIONS EDUCATION IMPROVEMENT GRANTS

AUTHORIZATION

Health Professions Educational Assistance Amendments of 1965, Public Law 89-920; as amended, by the Health Manpower Act of 1968. Public Law 90-490; 42 U.S.C. 295.

OBJECTIVES

To assist schools of medicine, dentistry, optometry, podiatry, osteopathy, pharmacy, and veterinary medicine in increasing their enrollments and improving the quality of their educational programs.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 -	\$260,358,000
Grant Range	\$23,100 to \$1,423,419
Average Range	\$300,000

ELIGIBILITY

An applicant must be a public or nonprofit private accredited school of medicine, dentistry, optometry, podiatry, osteopathy, pharmacy, or veterinary medicine (or have reasonable assurance of accreditation).

USE AND RESTRICTIONS

Health professions institutional grants are formula entitlement grants awarded to eligible schools. Grant amount is determined by the total amount of funds available for grants and the relative enrollment and number of graduates from the school.

Health professions special project grants are competitive project grants for specified educational improvement purposes. Grants in excess of \$400,000 may be awarded only to alleviate serious financial needs jeopardizing continued operation of a school or to increase enrollments in schools of medicine, osteopathic medicine and dentistry.

Funds may not be used for operation of teaching hospitals; patient care; financial assistance to students, residents, or interns; research (except educational methods research); research training; or construction.

CONTACT AGENCY

Division of Physician and Health Professions Education, National Institutes of Health, Bethesda, Maryland 20014.

INDIAN SANITATION FACILITIES

AUTHORIZATION

Indian Sanitation Facilities Act; Public Law 86-121; 42 U.S.C.  
20001-20004a.

OBJECTIVES

To alleviate gross unsanitary conditions, lack of safe water supplies and inadequate waste disposal facilities which contribute to the high rate of infectious and gastroenteric diseases among Indians and Alaska natives, the Indian Health Service engages in environmental health activities, including construction of sanitation facilities for individual homes and communities.

TYPE OF ASSISTANCE

Provision of Specialized Services.

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 -	\$18,450,000
Range of approved projects	\$10,000 to \$500,000
Average cost of approved projects	\$100,000

ELIGIBILITY

Generally, Indians qualify who live on or near a reservation and are recognized as members of a tribe with whom the Federal Government has a special relationship, or are recognized as Indians by the communities in which they live.

USE AND RESTRICTIONS

Funds restricted to sanitation facilities, construction and environmental health activities among Indians and Alaska natives.

CONTACT AGENCY

Indian Health Service, Regional Office. Appendix A.

**LOANS FOR FACILITY CONSTRUCTION**

HEALTH FACILITIES CONSTRUCTION

LOANS AND LOAN GUARANTEES

AUTHORIZATION

Federal - Public Health Service Act, Title VI, Public Law 91-296,  
U.S.C. 291.

State - Health and Safety Code, Division 1, Part 1, Chapters 3, 4,  
and 5, commencing with Section 430.

OBJECTIVES

To assist the states in the planning for and provision of hospitals,  
public health centers, state health laboratories, outpatient facilities,  
emergency rooms, neighborhood health centers, long-term care facilities,  
rehabilitation facilities, and other related health facilities.

TYPE OF ASSISTANCE

Direct Loans, Guaranteed/insured loans

FUNDS AVAILABLE

No experience as yet.

ELIGIBILITY

State and local governments, hospitals, districts, or authorities  
are eligible for direct loans. Private non-profit organizations  
are eligible for mortgage loan guarantees. Private for-profit  
corporations are not eligible.

USE AND RESTRICTIONS

The new construction or replacement of facilities; the expansion or remodeling of existing facilities or buildings; and equipment necessary for a construction project or for the provision of a new service in a community. Federal assistance is not available for the purchase of land except for public health centers.

CONTACT AGENCY

Chief, Bureau of Health Facilities Planning and Construction, California State Department of Public Health, 744 "P" Street, Sacramento, California 95814

HOUSING FOR EDUCATIONAL INSTITUTIONS

AUTHORIZATION

Housing Act of 1950, as amended; Title IV; Public Law 81-475;  
64 Statutes 48.77; 12 U.S.C. 1749.

OBJECTIVES

To help colleges and hospitals finance construction or purchase  
of housing and related facilities.

TYPE OF ASSISTANCE

Project grants to cover interest above three percent. Direct  
loans at three percent.

FUNDS AVAILABLE

Grants:

Federal Obligations - fiscal year 1972 - \$9,300,000

Grant Range - \$195,000 to \$4,000,000

Average Grant - \$1,620,000

Loans:

Federal Obligations - fiscal year 1972 - \$9,300,000

Sharing Ratio - formula based on an annual contribution for debt  
service. No matching requirements.

ELIGIBILITY

Public or private nonprofit colleges and universities offering at  
least a two-year program acceptable for full credit toward a  
bachelor's degree, and public or private nonprofit hospitals.

operating nursing schools or internship and resident programs are eligible. Each institution must develop its own plans, subject to local zoning and building codes. Competition for construction contracts is required.

#### USE AND RESTRICTIONS

Grants may be made for periods not to exceed 40 years in an amount equal to the difference in the average annual debt service required to amortize a private market loan at market rates and that which would be required to amortize a three percent loan of like term.

Direct Department of Housing and Urban Development three percent loans will be available only to institutions unable to borrow in the private market at nonexorbitant interest rates.

Facilities eligible for construction or purchase include college residence halls, faculty and married students' housing, dining facilities, college unions, infirmaries and housing for student nurses, interns, and residents.

#### CONTACT AGENCY

Department of Housing and Urban Development Area Offices or  
FHA Insuring Offices (Appendix A).

**MORTGAGE INSURANCE**

MORTGAGE INSURANCE - HOSPITALS

AUTHORIZATION

National Housing Act, as amended in 1968, section 242; Public Law 90-448; 82 Statutes 476.

OBJECTIVES

To make possible the financing of hospitals.

TYPE OF ASSISTANCE

Guaranteed/insured loans

MORTGAGES INSURED

Federal Obligations- fiscal year 1972	\$147,915,000
Average	\$ 546,050

ELIGIBILITY

Proprietary facility, or a facility of a private nonprofit corporation or association, licensed or regulated by the state, municipality, or other political subdivision.

USE AND RESTRICTIONS

FHA insures lenders against loss on mortgages. The loans may be used to finance the construction or rehabilitation of nonprofit hospitals, including major movable equipment. The maximum amount insurable is \$50,000,000. The program is not yet operational for proprietary facilities.

CONTACT AGENCY

Department of Housing and Urban Development Area Offices or  
FHA Insuring Offices (Appendix A).

MORTGAGE INSURANCE

NURSING HOMES AND INTERMEDIATE CARE FACILITIES

AUTHORIZATION

National Housing Act, Section 232; Housing Act of 1959; Public Law 86-372; Housing and Urban Development Act of 1969; Public Law 91-152; 73 Statutes 654 and 83 Statutes 379.

OBJECTIVES

To make possible the financing of nursing homes and related facilities.

TYPE OF ASSISTANCE

Guaranteed/insured loans

MORTGAGES INSURED

Federal Obligations - fiscal year 1972	\$138,270,000
Maximum mortgage allowed	\$12,500,000
Average	\$1,140,000

ELIGIBILITY

Eligible mortgagors include investors, builders, developers, and private nonprofit corporations or associations licensed or regulated by the state for the accommodation of convalescents and persons requiring skilled nursing care or intermediate care.

USE AND RESTRICTIONS

FHA insures lenders against loss on mortgages. Insured mortgages may be used to finance construction or rehabilitation of facilities accommodating 20 or more patients requiring skilled nursing care and

related medical services, or those while not in need of nursing home care are in need of minimum but continuous care provided by licensed or trained personnel. Nursing home and intermediate care services may be combined in the same facility covered by an insured mortgage or may be in separate facilities.

CONTACT AGENCY

Department of Housing and Urban Development Area Offices or  
FHA Insuring Offices (Appendix A).

MORTGAGE INSURANCE

GROUP PRACTICE MEDICAL FACILITIES

AUTHORIZATION

National Housing Act, as amended in 1966, Title XI; Public Law 89-754; 12 U.S.C. 1749.

OBJECTIVES

To help develop group practice medical facilities.

TYPE OF ASSISTANCE

Guaranteed/insured loans

MORTGAGES INSURED

Federal Obligations- fiscal year 1972

New facilities                   \$93,600,000

Existing facilities               7,800,000

See Use Restrictions

ELIGIBILITY

Private nonprofit sponsors (1) undertaking to provide comprehensive health care to members or subscribers on a group practice prepayment basis, or (2) established for the purpose of improving the availability of health care in the community, which will make the group practice facility available to a medical or dental group for use are eligible. The owner (mortgagor) of the facility must be organized on a nonprofit basis, but may make it available to a practicing group through a lease.

USE AND RESTRICTIONS

FHA insures lenders against loss on mortgage loans. These loans may be used to finance the construction or rehabilitation of facilities, including major movable equipment, for the provision of preventive, diagnostic, and treatment services by a medical, dental, or optometric group. The maximum insurable loan may not exceed \$5,000,000.

CONTACT AGENCY

Department of Housing and Urban Development Area Offices or  
FHA Insuring Offices (Appendix A).

MORTGAGE INSURANCE

EXPERIMENTAL PROJECTS OTHER THAN HOUSING

AUTHORIZATION

National Housing Act as amended in 1968, Section 233; Public Law 90-448; 12 U.S.C. 1715(x).

OBJECTIVES

To help finance by providing mortgage insurance for the development of group medical facilities or subdivisions or new communities that incorporate new or untried construction concepts intended to reduce construction costs, raise living standards, or improve neighborhood design.

TYPE OF ASSISTANCE

Guaranteed/insured loans

MORTGAGES INSURED

Federal Obligations- fiscal year 1972 - new program; no activity.

ELIGIBILITY

Interested sponsors eligible under HUD/FHA's land development or group practice medical facilities program are eligible. Title X and Title XI provisions apply to nonexperimental features.

USE AND RESTRICTIONS

HUD/FHA insures lenders against loss on mortgage loans. These loans may be used to finance the construction or rehabilitation, using new technologies, of facilities, including major movable equipment, for

group practice of dentistry, medicine, or optometry; they may also be used to finance the purchase of land and the development of building sites for subdivisions or new communities, including water and sewer systems and streets, where new technologies are incorporated.

CONTACT AGENCY

Local Department of Housing and Urban Development Area Offices or  
FHA Insuring Offices (Appendix A).

SUPPLEMENTAL LOAN INSURANCE

MULTIFAMILY RENTAL HOUSING

AUTHORIZATION

National Housing Act, as amended in 1968, Section 241; Public Law 90-448; 12 U.S.C. 1715.

OBJECTIVES

To finance additions and improvements to any multifamily project, group practice facility, or nursing home insured by FHA or held by FHA. Major movable equipment for nursing homes or group practice facilities may be covered by a mortgage under this program.

TYPE OF ASSISTANCE

Guaranteed/insured loans

MORTGAGES INSURED

Federal Obligations- fiscal year 1972 - new program; no activity.

ELIGIBILITY

Owners of a multifamily project or facility subject to a mortgage insured by FHA or held by FHA are eligible.

USE AND RESTRICTIONS

FHA insures lenders against loss on loans made to finance additions and improvements of multifamily housing projects and group practice facilities subject to FHA insured mortgages or mortgages held by FHA. The proceeds of a loan involving a nursing home or group practice facility may also be used to purchase equipment to

be used in the operation of such nursing home or facility.  
The maximum insurable loan may be equal to an amount which, when added to the outstanding balance of the existing insured mortgage, does not exceed the amount insurable under the program pursuant to which the mortgage covering such project or facility is insured. Where the project is covered by a mortgage held by the Secretary, the principal amount of the loan shall be in an amount acceptable to the Secretary.

CONTACT AGENCY

Department of Housing and Urban Development Area Offices or  
FHA Insuring Offices (Appendix A).

**ASSISTANCE FOR MEDICAL LIBRARIES**

MEDICAL LIBRARY ASSISTANCE - LIBRARY RESOURCES GRANTS

AUTHORIZATION

Medical Library Assistance Act of 1965, Section 397; Public Law 89-291; as amended by the Medical Library Assistance Extension Act of 1970; Section 396; Public Law 91-212; 42 U.S.C. 2806-7.

OBJECTIVES

To expand and improve basic medical and health related library resources and health information services necessary to facilitate the dissemination and utilization of knowledge in the health science field.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 -	\$2,105,000
Grant Range	\$1,000 to \$200,000
Average Grant	\$5,300

ELIGIBILITY

Any public or private nonprofit library which maintains or plans to establish a health science collection to serve clientele in the health professions or the fundamental and applied science related thereto.

USE AND RESTRICTIONS

A resource improvement grant may be made to establish a library or to expand or improve present libraries which have inadequate resources relative to their needs and user population. A resource project grant

may be made to stimulate libraries to implement plans for service improvement, or projects which facilitate the libraries' technical operations. Grants may be used for: acquisition of books, journals, and other types of informational materials; cataloging, binding, and other processing procedure; acquisition of equipment for the library operation and of furniture for library staff and users; expenses of introducing new technologies in medical librarianship and other essential items related to library operations including personnel salaries. Grant fund may not be used for: equipment for the production of audiovisual material, the construction of buildings, entertainment, indirect cost or overhead, subgranting, depreciation foreign travel.

CONTACT AGENCY

Resources Division, Extramural Programs, National Library of Medicine, National Institutes of Health, 8600 Rockville Pike, Bethesda, Maryland 20014.

MEDICAL LIBRARY ASSISTANCE - RESEARCH GRANTS  
(GRANTS FOR BIOMEDICAL COMMUNICATIONS RESEARCH)

AUTHORIZATION

Public Health Service Act, as amended; Public Law 78-410; Medical Library Assistance Act of 1965; Public Law 89-291; as amended by Medical Library Assistance Extension Act of 1970; Public Law 91-212, Section 395; 42 U.S.C. 241 et seq; 42 U.S.C. 280b-6.

OBJECTIVES

To assist the processing and dissemination of health information, through support of approved projects of research and development and demonstrations in medical library sciences, techniques, systems, and equipment for processing, storing, retrieving, and distributing information in the health sciences, and for studies in the history of medicine.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 - \$800,000

Grant Range \$1,000 to \$110,000

Average Grant \$28,000

Sharing Ratio - Current legislation requires that the grantee also participate in the cost of each research project. Cost-sharing agreements are individually negotiated with the grantee.

### ELIGIBILITY

Appropriate public or private nonprofit institutions and individuals with research capabilities in health information fields may apply. Grants may not be made to profitmaking institutions or organizations.

### USE AND RESTRICTIONS

For allowable direct costs of such projects as specified under National Institutes of Health and National Library of Medicine policies and regulations for research grants, including equipment, supplies, personnel, travel, etc., as justified by the nature and scope of the project. See: "Public Health Service Grants for Research Projects", policy statement, revised July 1, 1967, or contact the program office listed below.

### CONTACT AGENCY

Research Training and Publications Division, Extramural Programs,  
National Library of Medicine, Bethesda, Maryland 20014.

MEDICAL LIBRARY ASSISTANCE  
SPECIAL SCIENTIFIC PROJECT GRANTS

AUTHORIZATION

Medical Library Assistance Act of 1965, section 395; Public Law 89-291, as amended by the Medical Library Assistance Extension Act of 1970; Public Law 91-212; 42 U.S.C. 2806-5.

OBJECTIVE

To support outstanding individual scientists and health practitioners for scholarly studies in the analysis and evaluation of major developments and advances in the health sciences and related national goals, concerns, programs and problem areas.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 - \$95,000  
Grant Range \$5,000 to \$30,000  
Average Grant \$25,000  
Sharing Ratio - None

ELIGIBILITY

Outstanding scientists and scholars in health sciences and other disciplines related to health or appropriate public or private nonprofit institutions in behalf of such individuals. Must be a U. S. citizen.

#### USE AND RESTRICTIONS

Special scientific project grants provide support for scholarly assessment, description, and synthesis of topics of broad health interest. Work can be on the scientific, political, economic, and cultural aspects of human health. Salary, secretarial assistance, supplies, travel, related direct costs of research and writing. Product such as a manuscript is required.

#### CONTACT AGENCY

Research, Training and Publications Division, Extramural Programs,  
National Library of Medicine, Bethesda, Maryland 20014.

MEDICAL LIBRARY ASSISTANCE - TRAINING GRANTS  
(HEALTH COMMUNICATIONS SPECIALIST TRAINING)

AUTHORIZATION

Public Health Service Act, as amended, Public Law 78-410; Medical Library Assistance Act of 1965; Public Law 89-291; Section 394, as amended by the Medical Library Assistance Extension Act of 1970; Public Law 91-212; 42 U.S.C. 2806-4.

OBJECTIVES

To provide assistance for training for health science information specialists, medical librarians, and other personnel required for the organization, for service and research careers.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 -	\$1,000,000
Grant Range	\$27,000 to \$130,000
Average Grant	\$90,000

ELIGIBILITY

Applicant - Training grants may be made to appropriate public and private institutions, including established medical libraries. Fellowships for individuals may also be available.

Beneficiary - The institution and the trainees are both benefitting, in various degrees by the training grants.

### USE AND RESTRICTIONS

Grants to established program directors in appropriate institutions. Appropriate costs to support trainees, including tuition, fees, stipends, and dependency allowances, travel, etc.; costs to develop and maintain the programs may also be provided staff salary costs, supplies, material, etc. Priority for support is given to trainee costs. National Institutes of Health and National Library of Medicine policies and regulations apply. See: Public Health Service Publication No. 1302, "Grants for Training Projects", 1967, or contact office listed below.

### CONTACT AGENCY

Research Training and Publications Division, Extramural Programs, National Library of Medicine, Bethesda, Maryland 20014.

BIOMEDICAL SCIENTIFIC PUBLICATIONS GRANTS

AUTHORIZATION

Public Health Service Act as amended, Section 301; Public Law 78-410; Medical Library Assistance Act of 1965, Section 399; Public Law 89-291; as amended by the Medical Library Assistance Extension Act of 1970; Section 398; Public Law 91-212; 42 U.S.C. 241 and 280b-9(a).

OBJECTIVES

To assist the health professions by making available biomedical information of significance to the national health effort.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 -	\$290,000
Grant Range	\$500 to \$68,000
Average Grant	\$20,000

ELIGIBILITY

Appropriate public or private nonprofit institutes of higher education and individuals may apply in behalf of the principal investigator on the project, and, in unusual circumstances, individuals may apply directly.

USE AND RESTRICTIONS

To support nonprofit scientific writing and publications projects related to health fields. Primary or secondary journals and monographs may be supported in the field of biomedical communications. Secondary

information projects are eligible in other health fields. These include critical reviews, tools to the health literature such as abstracts, indices, bibliographies, atlases, catalogs, data compendia, dictionaries, directories, manuals, translations and other secondary publications in the broad health sciences. Serial publications may receive support for a limited number of years. Support may be requested for direct costs as specified under National Institutes of Health and National Library of Medicine policies and regulations, including equipment, supplies, publication costs, salaries, consultant fees and expenses, and travel, etc. (Reference Public Health Service Publication No. 1301, "Grants for Research Projects - Policy Statement", Revised July 1, 1967, or contact program office listed below.)

CONTACT AGENCY

Research Training and Publications Division, Extramural Programs,  
National Library of Medicine, Bethesda, Maryland 20014.

AMERICAN SOCIETY OF HOSPITAL PHARMACISTS

(PUBLICATIONS AWARDS)

OBJECTIVES

To stimulate and award research efforts of hospital pharmacists and to orient young hospital pharmacists to organizational activities and management.

TYPE OF ASSISTANCE

Awards for publication of articles describing research in areas of interest to hospital pharmacy. Administrative residencies for hospital pharmacists are also available.

FUNDS AVAILABLE

Two research awards in the amount of \$1,000 each are available. One or two residencies are also supported, each in the amount of \$7,200.

ELIGIBILITY

Hospital pharmacy practitioners, teachers, or students who are members of the American Society of Hospital Pharmacists are eligible for research awards. Qualified individuals with appropriate interests and, preferably, a certificate of residency in hospital pharmacy may apply for residency appointment.

DEADLINE - DURATION

Applications may be submitted at any time and are considered on an individual basis. Residency awards provide support for a one-year period, usually beginning September 1.

CONTACT AGENCY

Executive Director, American Society of Hospital Pharmacists,  
4630 Montgomery Avenue, Washington, D.C. 20014.

TECHNICAL ASSISTANCE

HEALTH FACILITIES CONSTRUCTION - TECHNICAL ASSISTANCE

AUTHORIZATION

Federal - Public Health Service Act, Title VI; Public Law 88-443  
as amended by Public Law 91-296; 42 U.S.C. 291.

State - Health and Safety Code, Division 1, Part 1, Chapter 3, 4,  
and 5, commencing with Section 430.

OBJECTIVES

To evaluate the quality of design, construction, and operation of  
facilities through the provision of consultation services which  
includes the development of guide materials.

TYPE OF ASSISTANCE

Advisory Services and Counseling; Dissemination of Technical Information.

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 - \$3,395,000

ELIGIBILITY

Hill-Burton State agencies (California State Department of Public Health),  
project sponsors, and other representatives of the hospital community  
are eligible to apply.

USE AND RESTRICTIONS

This program provides consultation services and technical assistance  
for planning, designing, and construction of health facilities.  
Functional programming of the various service departments of a hospital,

such as the surgical suite, and consultation on nursing training and organization, fire safety standards, dietary practice and equipment, and environmental problems are examples of technical services rendered.

CONTACT AGENCY

Chief, Bureau of Health Facilities Planning and Construction,  
California State Department of Public Health, 744 "P" Street,  
Sacramento, California 95814

SHARING SPECIALIZED MEDICAL RESOURCES

AUTHORIZATION

Public Law 91-496 and Public Law 89-785; 38 U.S.C. 17.210 and 5053.

OBJECTIVES

To secure the use of specialized medical resources which otherwise might not be feasibly available by the Veterans Administration or to provide services to the community through specialized medical resources which are not being utilized to their maximum effectiveness within the Veterans Administration hospital.

TYPE OF ASSISTANCE

Provision of Specialized Services

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 - \$400,000.

ELIGIBILITY

Applicant - Medical schools or other medical installations having hospital facilities.

Beneficiary - Patients of Veterans Administration hospitals or patients of medical installations having hospital facilities.

USE AND RESTRICTIONS

To provide for the exchange of or mutual use of specialized medical resources when such an agreement will obviate the need for a similar resource to be provided in a Veterans Administration hospital,

or for the mutual use, or exchange of use, of specialized medical resources in a Veterans Administration hospital which have been justified on the basis of veterans care, but which are not utilized to their maximum effective capacity. Agreements must be made with the medical installations having hospital facilities.

CONTACT AGENCY

Nearest Veterans Administration Hospital (Appendix A).

COMMUNICABLE DISEASES - LABORATORY IMPROVEMENT

AUTHORIZATION

Public Health Service Act, as amended, sections 301, 311 and 353.

OBJECTIVES

To provide a comprehensive national laboratory improvement program through research for improving and standardizing laboratory methodology and through evaluating techniques, materials, and reagents used in public health laboratories; also provides for upgrading the performance of clinical laboratories engaged in interstate commerce.

TYPE OF ASSISTANCE

Training, Advisory Services, and Counseling; Dissemination of Technical Information.

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 - \$6,600,000

ELIGIBILITY

State and local public health laboratories. Licensing applies to clinical laboratories engaged in interstate commerce.

USE AND RESTRICTIONS

Improvement through upgrading public health laboratory proficiency and licensure of clinical laboratories engaged in interstate commerce. Formal training courses in various laboratories' discipline, individual bench training for specialized procedure, on-site

consultation to state and local laboratories for facilities planning, systems analyses, and general program review; scientific and technical consultation is also available. Conduct of a national proficiency testing program.

CONTACT AGENCY

Chief, Center for Disease Control Services, Department of Health, Education, and Welfare Regional Offices (Appendix A).

PROGRAMS FOR THE HEALTH OF YOUTH

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**MEDICAL SERVICE PROGRAMS FOR YOUTH HEALTH**

MATERNITY AND INFANT CARE PROJECTS

AUTHORIZATION

Social Security Act, as amended, Title V, Section 508(a)(1); Public Law 90-248; 42 U.S.C. 708.

OBJECTIVES

The objective of this program is to help reduce the incidence of mental retardation and other handicapping conditions associated with child-bearing and to help reduce infant and maternal mortality.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 - \$41,635,000

Grant Range \$92,000 to \$4,600,000

Average Grant \$700,000

Sharing Ratio - Federal funds may not exceed 75 percent of the cost of the project. The 25 percent non-federal participation may be derived from state and local funds and under certain circumstances other public funds legally available to the grantee to meet the cost of the project.

ELIGIBILITY

Applicant - These grants are available to the state health agencies or, with the consent of such agencies; to health agencies of any political subdivision of the state; and to any other public or nonprofit agency, institution, or organization.

Beneficiary - Prospective mothers who have or are likely to have conditions associated with child-bearing or are in circumstances which increase the hazards to their health or the health of their infants and who are determined will not receive such necessary health care because they are from a low-income family or for other reasons beyond their control.

#### USE AND RESTRICTIONS

The grants may be used to find more vulnerable patients early in pregnancy and make available a broad spectrum of diagnostic and specialist consultation services; provide hospitalization during the prenatal period as well as during labor and delivery; for medical and intensive nursing care for prematurely born and other high-risk infants; and to provide dental care. Funds may not be used for purchase or construction of buildings; for salaries of personnel paid from other federal grant funds; and certain other miscellaneous items.

#### CONTACT AGENCY

Regional Health Director, Department of Health, Education, and Welfare Regional Office (Appendix A).

MATERNAL AND CHILD HEALTH SERVICES

AUTHORIZATION

Federal - Social Security Act, as amended, Title V, Section 503;  
Public Law 90-248; 42 U.S.C. 703.

State - Health and Safety Code, Division 1, Part 1, Chapter 2,  
commencing with Section 280.

OBJECTIVES

This program provides financial support to states to extend and improve services (especially in rural areas and in areas suffering from severe economic distress) for reducing infant mortality and improvement of the health of mothers and children.

TYPE OF ASSISTANCE

Formula Grants; Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 - \$59,250,000

Formula Grants:

Grant Range                      \$157,000 to \$2,828,000

Average Grant                      \$1,335,500

Project Grants:

Grant Range                      \$4,400 to \$345,000

Average Grant                      \$69,000

Sharing Ratio - One-half of the maternal and child health funds are apportioned among the states by a formula specified in the

law (Section 503(1)). These funds are referred to as "Fund A". Each state receives a grant of \$70,000 and such part of the appropriation remaining as the number of live births in the state bears to the total number in the United States. States must match dollar for dollar the funds allotted to them under this section.

The other half of the maternal and child health funds (Section 503(2)) is known as "Fund B". From this fund, an amount designated by the appropriation act is allocated for special projects. The remainder of Fund B is apportioned among the states according to the financial need of each state for assistance in carrying out its state plan. No matching is required for the funds allotted under this section.

#### ELIGIBILITY

Applicant - Formula grants are available to state health agencies. Project grants are available to state health agencies and to institutions of higher learning.

Beneficiary - Mothers and children in need of health care, and trainees in the health professions.

#### USE AND RESTRICTIONS

The grants may be used for health services in maternity clinics, visits of public health nurses, well-child clinics, pediatric clinics, school health programs, dental care for children and pregnant women, family planning, immunizations against preventable diseases, and training of professional personnel. States conduct special clinics for mentally retarded children where diagnostic,

counseling, treatment, and follow-up services are provided. These grants may be used for the provision of health services and the purchase of services and care from hospitals and supporting activities.

Funds may not be used for purchase or construction of buildings; for salaries of personnel paid from other federal grant funds; and certain other miscellaneous items as specified in regulations.

CONTACT AGENCY

Bureau of Maternal and Child Health, State Department of Public Health, 1625 Shattuck Avenue, Berkeley, California 94704

INTENSIVE INFANT CARE PROJECTS

AUTHORIZATION

Social Security Act, as amended, Title V, Section 508(a)(2); Public Law 90-248; 42 U.S.C. 708.

OBJECTIVES

To provide necessary health care to infants during their first year of life, who have any condition or are in circumstances which increase the hazards to their health and who will not receive such necessary health care because they are from a low-income family or other reasons beyond control.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 - \$485,000

Grant Range \$49,000 to \$111,000

Average Grant \$90,000

Sharing Ratio - Federal funds are granted on the basis of project applications and may not exceed 75 percent of the cost of the project. The 25 percent non-Federal participation may be derived from state and local funds and under certain circumstances other public funds legally available to the grantee to meet the cost of the project.

ELIGIBILITY

Applicant - These grants are available to the state health agencies or, with the consent of such agencies, to health agencies of any political

subdivision of the state, and to any other public or nonprofit agency, institution, or organization.

Beneficiary - Infants who have any conditions or are in circumstances which increase the hazards to their health and will not otherwise receive such necessary health care because they are from a low-income family, or for other reasons beyond their control.

USE AND RESTRICTIONS

Grants may be used for the support of hospital intensive care units for high-risk newborn infants. Funds may not be used for purchase or construction of buildings; for salaries of personnel paid from other Federal grant funds; and certain other miscellaneous items.

CONTACT AGENCY

Regional Health Director, Department of Health, Education and Welfare, Regional Office (Appendix A).

HEALTH CARE OF CHILDREN AND YOUTH

AUTHORIZATION

Social Security Act, as amended, Title V, Section 509; Public Law 90-248; 42 U.S.C. 709.

OBJECTIVES

To provide comprehensive health care and services for children in low-income areas.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 - \$47,400,000

Grant Range \$92,000 to \$3,700,000

Average Grant \$730,000

Sharing Ratio - Federal funds may not exceed 75 percent of the cost of the project. The 25 percent non-Federal participation may be derived from a variety of sources including: (1) new state or local appropriations; (2) existing funds and time of personnel used for the ongoing activities of the grantee agency which are made a part of the project; (3) funds, time of personnel or space made available by other agencies; (4) or similar items or gifts from other sources.

### ELIGIBILITY

Applicant - These grants are available to the state health agencies or, with the consent of such agencies, to health agencies of any political subdivision of the state, to the state crippled children's agency, to any school medicine (with appropriate participation by a school of dentistry), and to any teaching hospital affiliated with a school of medicine.

Beneficiary - Children and youth of school and preschool age who would otherwise not receive these services because they are from low-income families or for other reason beyond their control.

### USE AND RESTRICTIONS

The grants may be used for the promotion of health services, screening, diagnosis, treatment, correction of defects and after care, both medical and dental.

Funds may not be used for purchase or construction of buildings; for salaries of personnel paid from other Federal grant funds; and certain other miscellaneous items as specified in regulations.

### CONTACT AGENCY

Regional Health Directors, Department of Health, Education and Welfare Regional Offices.



specified in the law (Section 504(1)). These funds are referred to as "Fund A". Each state receives a grant of \$70,000 and such part of the appropriation remaining as the number of children under 21 in the state bears to the total number of such children in the United States. States must match dollar for dollar to the funds allotted to them under this section.

The other half of the crippled children's grant funds (Section 504(21)) is known as "Fund B". From this fund, an amount designated by the Appropriation Act is allocated for special projects. The remainder of Fund B is apportioned among the states according to the financial need of each state for assistance in carrying out its state plan. No matching is required for the funds allotted under this section.

#### ELIGIBILITY

Applicant - Formula grants are available to state crippled children's agencies. Project grants are available to state crippled children's agencies and to institutions of higher learning.

Beneficiary - Children under 21 years of age who are crippled or are suffering from conditions that lead to crippling (diagnostic services must be provided without any eligibility requirements), and trainees in the health professions.

#### USE AND RESTRICTIONS

Grants may be used for locating crippled children and providing medical, surgical, corrective, and other services for diagnosis,

hospitalization, and aftercare for such children, and for training of professional personnel. Grants may be used for the purchase of services and care from hospitals and supporting activities. Funds may not be used for purchase or construction of buildings; for salaries of personnel paid from other federal grant funds; and certain other miscellaneous items as specified in regulations.

CONTACT AGENCY

Chief, Bureau of Crippled Children Services, State Department of Public Health, 1625 Shattuck Avenue, Berkeley, California 94704.



#### USE AND RESTRICTIONS

The grants may be used to increase the availability of services and to improve the quality of such services to include all preventive procedures available. Such projects may also include research looking toward the development of new methods of diagnosis or treatment, or demonstration of the utilization of dental personnel with various levels of training. Funds may not be used for purchase or construction of buildings; for salaries of personnel paid from other federal grant funds; and, certain other miscellaneous items.

#### CONTACT AGENCY

Regional Health Director, Department of Health, Education, and Welfare,  
Regional Office (Appendix A).

**RESEARCH PROGRAMS FOR YOUTH HEALTH**

THE NATIONAL FOUNDATION  
(CLINICAL RESEARCH IN BIRTH DEFECTS)

OBJECTIVES

To support programs designed to gain new knowledge about the mechanisms that cause birth defects and to find ways of controlling or preventing them.

TYPE OF ASSISTANCE

Grants for laboratory and clinical research in birth defects.

FUNDS AVAILABLE

Grants vary in amount, depending upon the needs and nature of the request. Funds may be used to provide salaries and fringe benefits for personnel specifically employed by the grant project or to secure necessary equipment and expendable supplies. Indirect cost allowances are added to grants according to an established formula.

ELIGIBILITY

Qualified institutions with appropriate interests are eligible to apply. Although preference is given to institutions within the United States, grants may be awarded to applicants located elsewhere if the proposed project is of particular relevance.

DEADLINE - DURATION

Applications must be received on or before January 1 for consideration at the annual spring review meeting. Support is intended for short periods of time not to exceed twelve months in duration.

CONTACT AGENCY

Medical Department, The National Foundation, 1275 Mamaroneck Avenue,  
White Plains, New York 10605.

THE NATIONAL FOUNDATION  
(NONCLINICAL RESEARCH IN BIRTH DEFECTS)

OBJECTIVES

To support medical and scientific research.

TYPE OF ASSISTANCE

Short-term grants for nonclinical research in normal embryonic development, experimental production of congenital abnormalities, genetics, and other areas where there seems to be a reasonable hope of contributing to knowledge of birth defects.

FUNDS AVAILABLE

Grants vary in amount, depending upon the needs and nature of the request. Funds may be used to provide salaries and fringe benefits for personnel specifically employed by the grant project or to secure necessary equipment and expendable supplies. Indirect cost allowances are added to grants according to an established formula.

ELIGIBILITY

Qualified institutions with appropriate interests are eligible to apply. Although preference is given to institutions within the United States, grants may be awarded to applicants located elsewhere if the proposed project is of particular relevance.

DEADLINE - DURATION

Applications must be received on or before January 1 for consideration at the annual spring review meeting. Support is intended for short periods of time not to exceed twelve months in duration.

Grants may be renewed through reapplication, however, or extended by written request.

CONTACT AGENCY

Department of Basic Research, The National Foundation, 1275 Mamaroneck Avenue, White Plains, New York 10605.



USE AND RESTRICTIONS

Support of research project activities. Grants made only to public or other nonprofit institutions of higher learning, and to public or other nonprofit agencies or organizations engaged in research or in maternal and child health or crippled children's programs. Grants are not available to individuals even though they may be affiliated with a public or nonprofit organization.

CONTACT AGENCY

Director, Division of Research, Maternal and Child Health Service,  
Health Services and Mental Health Administration, Department of  
Health, Education, and Welfare, 5600 Fishers Lane, Rockville, Maryland  
20852.

CHILD HEALTH AND HUMAN DEVELOPMENT -

RESEARCH GRANTS

AUTHORIZATION

Public Health Service Act, Section 301(d); Public Law 87-838;  
Public Law 88-164; 42 U.S.C. 281-289c; Public Law 91-572.

OBJECTIVES

To support research in health, medicine, and allied fields with the major objectives (1) of continuing existing programs of research, (2) of expanding medical and biological research activities in universities, hospitals, laboratories, and other public or private institutions, and (3) of stimulating new investigations in fields needing exploration in areas related to maternal health, child health, human growth and development, and the aging process.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 - \$54,229,000

Grant Range \$1,600 to \$548,000

Average Grant \$47,500

Sharing Ratio - current legislation requires that the grantee also participate in the cost of each research project. Cost-sharing agreements are individually negotiated with the grantee.

### ELIGIBILITY

Universities, colleges, medical, dental, and nursing schools, schools of public health, laboratories, hospitals, state and local health departments, other public or private nonprofit institutions, and individuals. Each application is reviewed on the basis of scientific merit, the qualifications of the program director, and the adequacy of facilities. All applications undergo dual review.

### USE AND RESTRICTIONS

Grantee agrees to administer the grant in accordance with the regulations and policies governing the research grants program of the Public Health Services as stated in the terms and conditions on the application for the grant. The National Institute for Child Health and Human Development supports studies in reproductive biology, embryogenesis, perinatal biology, obstetrics, causes of infant and fetal mortality, special diseases of childhood and pregnancy, and the biological and behavioral growth and development of the individual from prenatal stages through infancy to aging, including mental retardation.

### CONTACT AGENCY

Chief, Grants and Contracts Management Branch, National Institute of Child Health and Human Development, National Institutes of Health, Bethesda, Maryland 20014.

EDUCATIONAL AND TRAINING PROGRAMS FOR YOUTH HEALTH

MATERNAL AND CHILD HEALTH TRAINING

AUTHORIZATION

Social Security Act, as amended, Title V, Section 511; Public Law 90-248; 42 U.S.C. 711.

OBJECTIVES

The objective of this program is to train personnel for health care and related services for mothers and children, particularly mentally retarded children and children with multiple handicaps.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 -	\$15,071,000
Grant Range	\$50,000 to \$1,000,000
Average Grant	\$450,000

ELIGIBILITY

Applicant - These grants are available to public and other nonprofit institutions of higher learning.

Beneficiary - Trainees in the health professions and handicapped children who receive services provided through the training programs.

USE AND RESTRICTIONS

These grants may be used to provide support for faculty, traineeships, services, clinical facilities, short term workshops and institutes, and related support items.

Funds may not be used for support of noncitizens, for foreign travel, construction or entertainment.

CONTACT AGENCY

Regional Health Directors, Department of Health, Education, and Welfare, Regional Offices (Appendix A).

CHILD HEALTH AND HUMAN DEVELOPMENT

TRAINING GRANTS

AUTHORIZATION

Public Health Service Act, Section 301(d); Public Law 87-838; Public Law 88-164; 42 U.S.C. 281-289c; Public Law 91-572.

OBJECTIVES

To increase the national supply of trained scientists, teachers, and physicians in basic and clinical sciences related to child health and human development. To improve quality of training and to increase and strengthen opportunities for scientists and investigators in medical research careers.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations-	fiscal year 1972 - \$9,085,000
Grant Range	\$5,400 to \$297,000
Average Grant	\$71,700

ELIGIBILITY

Qualified nonprofit institutions providing research training in health sciences and related fields.

USE AND RESTRICTIONS

Training grants are available to institutions which provide excellent training programs capable of preparing both laboratory and clinical

scientists for research careers in the area of child health and human development. Grant funds may not be used (a) for the support (stipend, tuition, or travel) of any trainee for whom a statement of appointment has not been submitted to the awarding unit; (b) for the support of any trainee who because of age, physical or mental condition, or other relevant factor, would not in the judgment of the program director be able to use the training or meet the institution's minimum qualifications for the training involved in the project; (c) for the continuation support of a trainee who has failed to demonstrate satisfactory participation; (d) for support of candidates for degrees of M.D., D.D.S., D.O., D.V.M., or similar degrees, except as otherwise provided; (e) residency training and as stated in terms of award.

CONTACT AGENCY

Chief, Grants and Contracts Management Branch, National Institute of Child Health and Human Development, National Institutes of Health, Bethesda, Maryland 20014.

AMERICAN ACADEMY OF PEDIATRICS

(FELLOWSHIPS)

OBJECTIVES

To enable young physicians to complete their pediatric training.

TYPES OF ASSISTANCE

Fellowships for the support of pediatric residents with emphasis given to those planning to enter private pediatric practice at the conclusion of an approved residency training program.

FUNDS AVAILABLE

Fellowship stipends vary in amount, depending upon the needs and nature of the request with awards usually ranging from \$500 to \$1,000.

ELIGIBILITY

Legal residents of the United States or Canada who have completed (or will have completed by July 1) one year of straight pediatric internship or one year of mixed internship of which more than half was spent in pediatric training, and who have made a definite commitment to a first year pediatric residency may apply, as may first year residents who have made a commitment for a second year. The training programs for which applicants are committed must be acceptable to the American Board of Pediatrics. Although awards are primarily intended for support of first and second year pediatric residents, individuals desiring a third or fourth year of residency may also apply.

DEADLINE - DURATION

Applications must be received by February 15 for fellowships to become tenable the following July 1. Fellowships provide support for a period of from six months to one year.

CONTACT AGENCY

American Academy of Pediatrics, 1801 Hinman Avenue, Evanston, Illinois 60204.

CHILD HEALTH AND HUMAN DEVELOPMENT - FELLOWSHIPS

AUTHORIZATION

Public Health Service Act, Section 301(c); Public Law 87-838;  
Public Law 88-164; 42 U.S.C. 241; Public Law 91-572.

OBJECTIVES

To support training of qualified scholars for research and academic careers in the basic and clinical sciences related to child health, human development, and the aging process.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations-	fiscal year 1972 -	\$3,653,000
Grant Range		\$1,875 to \$32,400
Average Grant		\$18,000

ELIGIBILITY

Must be an American citizen (or permanently residency status) with a doctoral degree or the equivalent degree in the biomedical or behavioral sciences.

USE AND RESTRICTIONS

Fellowships are awarded for full-time research training. Fellows may utilize some of their time in academic and clinical duties if such work is closely related to their research training. Awards include basic stipends, dependency allowances, and supporting supply

allowances. Postdoctoral and special fellowships are available as well as research career development awards.

CONTACT OFFICE

Chief, Grants and Contracts Management Branch, National Institute of Child Health and Human Development, Bethesda, Maryland 20014.

THE FOUNDATION FOR INTERNATIONAL CHILD HEALTH, INC.

(FELLOWSHIPS)

OBJECTIVES

To give maximum medical aid to infants and mothers.

TYPE OF ASSISTANCE

Fellowship support for the training of doctors and ancillary personnel from underprivileged areas of the world in the field of medical aid to mothers and infants.

FUNDS AVAILABLE

Fellowships vary in amount, up to a maximum of \$7,500.

ELIGIBILITY

Trained individuals wishing to specialize in some area related to maternal and child health.

DEADLINE - DURATION

Applications may be submitted at any time and are considered on an individual basis. Fellowships are tenable for a period of one year and may be renewed.

CONTACT AGENCY

Mrs. Beatrice Leventhal, President, The Foundation for International Child Health, Inc., 866 United Nations Plaza, Room 471, New York, New York 10017.

MATERNITY CENTER ASSOCIATION  
(HAZEL CORBIN SCHOLARSHIP FUND)

OBJECTIVES

To provide specialized education for nurses in the maternity health and care field as a means of improving service to women during pregnancy, childbirth, and afterward.

TYPE OF ASSISTANCE

Scholarships for support of nurse-midwifery candidates.

FUNDS AVAILABLE

Scholarships vary in amount, depending upon the needs and nature of the request. Awards provide stipends for living expenses (in whole or in part) plus partial payment of necessary tuition.

ELIGIBILITY

Registered and professional nurses who are licensed as such in at least one state of the United States may apply if they are selected by the faculty of an approved school as a promising candidate for nurse-midwifery education.

DEADLINE - DURATION

Applications must be submitted by April 1 for support during the following academic year. Support is available for a maximum eight to twelve-month program with reapplication possible for longer periods.

CONTACT AGENCY

Chairman, Scholarship Committee, Maternity Center Association,  
48 East 92nd Street, New York, New York 10021.

**FAMILY PLANNING**



### USE AND RESTRICTIONS

To improve, supplement, or add new elements to existing family planning projects, make new arrangements for provision of services and to provide information about family planning and to facilitate voluntary use of service available. Among the services that can be supported are clinical (including medical examinations and appropriate laboratory tests, and drugs), education, counseling, outreach, and referral.

### CONTACT AGENCY

The local community action agency or the health specialist at the Office of Economic Opportunity, Regional Office (Appendix A).

FAMILY PLANNING PROJECTS

AUTHORIZATION

Federal - Social Security Act, as amended, Title V, Section 508 (a)(3); Public Law 90-248; 42 U.S.C. 708, Public Law 91-572.

State - Health and Safety Code, Division 1, Part 1, Chapter 2, commencing with Section 280; Welfare and Institutions Code, Section 10053.2

OBJECTIVES

The objective of this program is to provide the educational, comprehensive medical and social services necessary to enable individuals to freely determine the number and spacing of their children, to promote the health of mothers and children, and to help reduce maternal and infant mortality.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 - \$88,815,000

Grant Range \$20,000 to \$1,000,000

Average Grant \$250,000

Sharing Ratio - Federal funds may not exceed 75 percent of the total cost of the project (exclusive of general agency overhead).

The 25 percent non-federal participation may be derived from a variety of sources including: (1) new state or local appropriations;

(2) existing funds and time of personnel used for the ongoing activities of the grantee agency which are made a part of the project, and (3) federally derived as specifically allowed (e.g. Department of Housing and Urban Development Supplemental Model Cities Funds, and Appalachian Regional Development Funds). Under Title X - grants (Public Law 91-572), there are no matching requirements in the legislation.

#### ELIGIBILITY

Applicant - Grants are available to state health agencies or, with the consent of such agencies, to health agencies of any political subdivision of the state, to any other public or nonprofit private agency, institution, or organization, and to a consortium of eligible applicants acting conjointly.

Beneficiary - Persons who desire family planning services who would not otherwise have access to them. Priority to be given to persons from low-income families.

#### CONTACT AGENCY

Chief, Bureau of Maternal and Child Health Services, California State Department of Public Health, 1625 Shattuck Avenue, Berkeley, California 94704.

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PROGRAMS FOR THE MENTALLY ILL



USE AND RESTRICTIONS

Funds may be used for the costs of staff development programs at the subprofessional and professional levels providing orientation, refresher, and continuation training, and for special courses for those who conduct training. This program does not include individual trainee stipends.

CONTACT AGENCY

Associate Regional Health Director for Mental Health in the appropriate Health, Education, and Welfare Regional Office (Appendix A).

MENTAL HEALTH - HOSPITAL IMPROVEMENT GRANTS

AUTHORIZATION

Federal - Public Health Service Act, Section 303(a)(2); Public Law 78-410; 42 U.S.C. 242(a).

State - Health and Safety Code, Division 1, Part 1, Chapters 3, 4, and 5, commencing with Section 430.

OBJECTIVES

The objective of this program is to provide funds to state mental hospitals for projects which will improve the quality of care, treatment, and rehabilitation of patients; encourage transition to open institutions; and develop relationships with community programs for mental health.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 - \$5,900,000

Grant Range \$43,730 to \$100,000

Average Grant \$83,000

Sharing Ratio - None, but the applicant must share some of the costs of the project.

ELIGIBILITY

An application may be submitted by a state hospital for the mentally ill directly administered by the state agency responsible for mental hospitals, or by any installation not directly administered by the

state agency but which is a part of the state's formal system for institutional care of the mentally ill.

USE AND RESTRICTIONS

Grant funds may be used for expenses directly related to projects focused on use of current knowledge for immediate improvement of the care, treatment, and rehabilitation of the mentally ill, which are carried on within the program of a state mental hospital.

Support for a project or series of projects may be awarded for a period of up to 10 years at no more than \$100,000 in any one year.

CONTACT AGENCY

Chief, Bureau of Health Facilities Planning and Construction,  
California State Department of Public Health, 744 P Street,  
Sacramento, California 95814.

MENTAL HEALTH - STAFFING OF  
COMMUNITY MENTAL HEALTH CENTERS

AUTHORIZATION

Mental Retardation Facilities and Community Mental Health Centers Construction Act of 1963; Part A, Title II, Public Law 88-164 as amended by Public Law 89-105, Public Law 90-31, Public Law 90-574, Public Law 91-211, Public Law 91-513, and Public Law 91-515; 42 U.S.C. 2681-2687; 42 CFR 54.201 - 54.215.

OBJECTIVES

To assist in the establishment and initial operation of community mental health centers by making grants to meet a portion of the costs of compensation of professional and technical personnel.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 -	\$105,100,000
Range	\$24,000 to \$1,938,000
Average	\$321,000

SOURCE OF FUNDS

Staffing grants are awarded on a decreasing percentage basis for a period of eight years. The federal share may be up to 75 percent of the eligible salary costs for the first two years, 60 percent the 3rd year, 45 percent the 4th year, and 30 percent for the last four years. Federal share percentage for areas designated by the Secretary as poverty areas is higher.

### ELIGIBILITY

A public or private nonprofit agency or organization which operates or proposes to operate an approvable community mental health center is eligible to receive support provided it furnishes at least the five essential services to a prescribed geographic area - inpatient, outpatient, 24-hour emergency care, partial hospitalization, and consultation and education.

### USE AND RESTRICTIONS

To provide funds on a matching basis for salaries of professional and technical mental health personnel providing new services within a community mental health center.

### CONTACT AGENCY

Associate Regional Health Director for Mental Health, Department of Health, Education, and Welfare regional office (Appendix A).

COMMUNITY MENTAL HEALTH

(SHORT-DOYLE)

AUTHORIZATION

Welfare and Institutions Code, Division 5, Community Mental Health Services, commencing with Section 5000.

OBJECTIVES

To organize and finance by reimbursement community mental health services for the mentally disordered in every county through locally-administered and locally-controlled community mental health programs and to provide a means of reimbursing local governments for services to the mentally retarded which counties may elect to provide.

TYPE OF ASSISTANCE

State Subventions

FUNDS AVAILABLE

State appropriation - fiscal year 1972 - \$140,042,467

Sharing Ratio:

State	90%
Local	10%

ELIGIBILITY

All counties or combinations of counties in California.

USE AND RESTRICTIONS

Reimbursable services are inpatient services, outpatient services, partial hospitalization services, emergency services 24 hours per

day available within one of the first three services, consultation and education services, diagnostic services, rehabilitation services, precare and aftercare services in the community, training, research and evaluation.

CONTACT AGENCY

Deputy Director, Division of Local Programs, State Department of Mental Hygiene, 744 P Street, Sacramento, California 95814.

MENTAL HEALTH SCIENTIFIC  
COMMUNICATIONS AND PUBLIC EDUCATION

AUTHORIZATION

Public Health Service Act, Sections 301, 315; 42 U.S.C. 241,247.

OBJECTIVES

To provide fullest possible dissemination of mental health information through full-scale program of scientific communications and public information and education activities serving both the mental health professional community and the general public.

TYPE OF ASSISTANCE

Dissemination of technical information

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 - \$5,225,000

ELIGIBILITY

All activities and materials are for the use and benefit of the total public.

USE AND RESTRICTIONS

No grant funds are provided. Assistance is given in response to inquiries from the scientific and general public, and to the printed and electronic media. Types of public information materials and activities range from brochures, fliers, fact sheets, pamphlets and exhibits, news releases, news features, films, television and

radio productions, articles for national magazines, and daily assistance to representatives of the public media. The National Clearinghouse for Mental Health Information serves as a central facility to coordinate information exchange in the mental health field. The National Clearinghouse for Drug Abuse Information serves as a central facility to coordinate information exchange in the anti-drug abuse field. Both clearinghouses have become the foremost computerized repositories of mental health and related research findings in the world.

CONTACT AGENCY

Director, Office of Communications, National Institute of Mental Health, Health Services and Mental Health Administration, 5454 Wisconsin Avenue, Chevy Chase, Maryland 20015.

FOUNDATION FOR RESEARCH IN PSYCHOANALYSIS

(RESEARCH GRANTS)

OBJECTIVES

The purpose of all grants made by the foundation is to further the development of psychoanalytic technique and the treatment of emotionally and mentally disturbed individuals through a program of scientific research and education directed to the study and/or modification of existing methods and discovery of new methods based on psychoanalytic principles.

TYPE OF ASSISTANCE

Research Grants

FUNDS AVAILABLE

Grant Range - \$3,000 to \$14,500

Average Grant                      \$7,000

ELIGIBILITY

Criteria includes, but is not limited to, the applicant's prior experience and academic history, recommendations from prominent people in the field of psychoanalysis; the financial need of the applicant, and whether other sources of funds are available; and the likelihood that the applicant will produce significant research in the field of psychoanalysis.

CONTACT AGENCY

Lita Altazen, President, Foundation for Research in Psychoanalysis,  
465 North Roxbury Drive, Beverley Hills, California 90210.

MENTAL HEALTH RESEARCH GRANTS

AUTHORIZATION

Public Health Service Act, Section 301(d); Public Law 78-410;  
42 U.S.C. 241, 242a.

OBJECTIVES

To develop new knowledge and approaches to the causes, diagnosis, treatment, control, and prevention of mental diseases of man through basic, clinical, and applied research, investigations, experiments, demonstrations, and studies. Areas of special interest include alcoholism, suicide prevention, early child care, metropolitan health problems, crime and delinquency, narcotics, and drug abuse. The Small Grant program provides support to develop and test a new technique; to exploit an unexpected research opportunity; analyze collected data; or to carry out exploratory studies.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 - \$86,500,000

Grant Range \$1,500 to \$400,000

Average Grant \$48,000

Sharing Ratio - None, but grantee must share some costs. Department of Health, Education, and Welfare Appropriation Act provides that funds may not be used to pay any recipient of a research grant an amount equal to the entire cost of the project.

### ELIGIBILITY

Investigators affiliated with public or nonprofit private agencies, including state, local, or regional government agencies, universities, colleges, hospitals, academic or research institutions, and other organizations, may apply for research grants. Small grants are primarily intended for the younger, less experienced investigator, investigators in small colleges, and others who do not have regular research support or resources available for research exploration.

### USE AND RESTRICTIONS

Research grants provide support for: (a) clearly defined projects or a small group of related research activities and, when appropriate, support of conferences and translation of publications; (b) large scale, broad-based programs of research, usually interdisciplinary, consisting of several projects with a common focus; (c) small scale exploratory and pilot studies or exploration of an unusual research opportunity; and (d) research development in areas lacking in adequate research activity and in which National Institute of Mental Health has a direct interest. Particular areas of research focus include drug abuse, alcoholism, psychopharmacology, suicide, crime and delinquency, other social problems, mental health services and epidemiology of mental health problems.

Funds may be used only for expenses directly related to the approved research project. Mental Health Small Grants are limited to \$5,000 direct costs for a period of one year or less.

### CONTACT AGENCY

National Institute of Mental Health, 5454 Wisconsin Avenue, Chevy Chase Maryland 20015.

W. CLEMENT AND JESSIE V. STONE FOUNDATION

(RESEARCH GRANTS)

OBJECTIVES

The Board of Directors of the W. Clement and Jessie V. Stone Foundation are focusing its concerns in the mental health area to approaches designed to prevent mental illness and promote mental health. Specifically, the foundation will be focusing on:

1. The development of programs in which the underlying pattern of human support is recognized and encouraged
2. The development of programs for the constructive care of neglected, abandoned and abused children.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Grants paid in 1971 \$8,937,714

Grant Range \$25 to \$2,457,867

ELIGIBILITY

To receive an official grant request form, write a letter stating the intent or purpose of the grant and send to the appropriate representative of the foundation.

CONTACT AGENCY

Leonard Borman, c/o W. Clement and Jessie V. Stone Foundation,  
111 E. Wacker Drive, Suite 150, Chicago, Illinois 60601.

MENTAL HEALTH TRAINING GRANTS

AUTHORIZATION

Public Health Service Act, Sections 301, 303, and 433; Public Law 78-410; 42 U.S.C. 241, 242(a), and 289c.

OBJECTIVES

To increase the number and improve the quality of training professionals for clinical service, teaching and research; and by continuing education for existing mental health manpower. High priority is given to experimental and innovative training projects; training projects which develop new kinds of mental health workers; and projects in the specialized areas of alcoholism, narcotic addiction and drug abuse, suicide prevention, crime and delinquency, and metropolitan problems.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 -	\$104,600,000
Grant Range	\$1,000 to \$300,000
Average Grant	\$53,000

ELIGIBILITY

Applicant - Training grants are awarded to public or private nonprofit institutions for training in the mental health disciplines of psychiatry, psychology, social work, psychiatric nursing, and in the biological and social sciences, and other areas relevant to mental health, and in the specialized areas of high priority and need (Alcoholism, drug abuse, etc.).

Beneficiary - Trainee stipends may be awarded only to citizens or nationals of the United States, or to persons lawfully admitted for permanent residence. Individuals seeking trainee stipend support must apply directly to and be accepted by the training institution.

#### USE AND RESTRICTIONS

Grant funds may be used: (1) to defray institution costs of the training program (personnel, supplies, equipment, travel, and other necessary expenses); and (2) to provide trainee stipends and other allowances (dependency allowances, tuition, and fees, etc.) for individuals enrolled in the training program. Funds may be used only for expenses directly related to the training program.

#### CONTACT AGENCY

National Institute of Mental Health, 5454 Wisconsin Avenue, Chevy Chase, Maryland 20015.

MENTAL HEALTH FELLOWSHIPS

AUTHORIZATION

Public Health Service Act, Section 301, 433; Public Law 78-410;  
42 U.S.C. 241 and 289c.

OBJECTIVES

To provide training for research relating to the problems of mental illness and mental health, and to raise the level of competence and to increase the number of individuals engaged in such research.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 -	\$8,700,000
Range of Fellowships and awards	\$5,000 to \$35,000
Average Fellowship	\$7,000
Average Research Development Award	\$28,000

ELIGIBILITY

An applicant for a fellowship is considered to be the candidate himself. He must be sponsored by an institution with an adequate program and facilities for research training.

Research development awards are made to appropriate research centers; medical schools, departments of psychiatry, psychiatric hospitals, community mental health centers, research institutes with mental health programs and behavioral sciences institutes with mental health research

programs on behalf of individuals who need advanced training to realize research potentials.

The individual in all cases must be a citizen or national of the United States or have been lawfully admitted for permanent residence.

Individual must qualify by scholastic degree and previous training and/or experience for the level of support sought.

#### USE AND RESTRICTIONS

Predocctoral, postdoctoral and special fellowships provide a stipend based on the individuals' training and experience, dependency allowances where applicable, and other necessary expenses. An allowance is also made to the sponsoring institution to cover tuition and fees and other costs of research training.

A research development award provides support for individuals with research potential who need additional training and/or experience in a productive research environment. Funds are available for salary support, and where applicable, allowances for specialized training and research costs. Salary support from National Institute of Mental Health is limited to \$25,000 per annum, which may be supplemented by the sponsoring institution from non-Federal funds.

#### CONTACT AGENCY

Chief, Behavioral Sciences Training Branch, Division of Manpower and Training Programs, National Institute of Mental Health, 5600 Fishers Lane, Rockville, Maryland 20852.

MAURICE FALK MEDICAL FUND

(FELLOWSHIPS)

OBJECTIVES

The fund is a private foundation established for the advancement of personal and public health, both physical and mental, and for the relief, cure, and prevention of ailments and injuries; presently giving special attention to the field of mental health and racism.

TYPE OF ASSISTANCE

Fellowships and scholarships

ELIGIBILITY

No grants to individuals, no loans; no support for annual campaigns, building funds, or endowments. The scholarship and fellowship programs were at universities that established the criteria for awarding the scholarships and fellowships to individuals in medicine and community/social psychiatry. The only programs of this nature that we are currently funding are the Falk Residency Fellowship Program of the American Psychiatric Association and a Program of Research Grants for Minority Scholars in Racism and Social Factors in Mental Health of the Social Science Research Council.

CONTACT AGENCY

Phillip B. Hallen, President, Maurice Falk Medical Fund, 3315 Grant Building, Pittsburg, Pennsylvania 15219.

**PROGRAMS FOR THE MENTALLY RETARDED**

DEVELOPMENTALLY DISABLED - HOSPITAL IMPROVEMENT

AUTHORIZATION

Federal - Public Health Service Act as amended, section 303; Public Law 78-410; 42 U.S.C. 242(a).

State - Health and Safety Code, Division 25, commencing with Section 38000

OBJECTIVES

Provide support for innovation projects designed to improve methods of care, treatment, and rehabilitation of the mentally retarded in state residential institutions. This program also provides for hospital inservice training to improve patient care.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 - \$6,500,000

Grant Range \$25,000 to \$100,000

Average Grant \$25,000

Sharing Ratio - A minimum of five percent grantee participation is required for the HIP (Hospital Improvement Program). There is no matching requirement for the inservice training of HIST (Hospital In-service Training).

ELIGIBILITY

Applicant - Every state residential facility for the mentally retarded is eligible to participate in this program.

Beneficiary - Mentally retarded individuals in state residential institutions and staff personnel at these institutions.

USE AND RESTRICTIONS

A maximum of \$100,000 per year for HIP grants and \$25,000 per year for HIST grants may be approved for personnel, equipment, supplies, and travel.

CONTACT AGENCY

Chief, Bureau of Health Facilities Planning and Construction, California State Department of Public Health, 744 "P" Street, Sacramento, California 95814.

DEVELOPMENTALLY DISABLED  
COMMUNITY SERVICE FACILITY INITIAL STAFFING

AUTHORIZATION

Federal - Mental Retardation Facilities and Community Mental Health Center Construction Act of 1963, as amended, Title I, Part D; 42 U.S.C. 2678.

State - Health and Safety Code, Division 25, commencing with Section 38000.

OBJECTIVES

To provide grants to pay for part of the costs of compensation of professional and technical personnel for the initial operation of new community facilities or for initiating new services in existing facilities.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 -	\$10,075,000
Grant Range	\$5,000 to \$150,000
Average Grant	\$10,000

ELIGIBILITY

States, political subdivisions of states, other public agencies and other nonprofit organization. Organizations operated for profit are not eligible. Applicant must own or operate the program. Service to be provided must be consistent with state plan for services or construction.

USE AND RESTRICTIONS

Grants may be used to pay salaries and other personnel costs for initiation of new services to the mentally retarded. Only professional and technical personnel are eligible for support. Services must not have been provided within the past two years in order to be considered new. Cost of other personnel and all other items of expense are not eligible for federal participation.

CONTACT AGENCY

Health Facilities Resources Program, California State Department of Public Health, 744 "P" Street, Sacramento, California 95814.

THE JOSEPH P. KENNEDY, JR. FOUNDATION

(RESEARCH GRANTS)

OBJECTIVES

The foundation seeks to determine the causes of mental retardation through research, to reduce by treatment and training the effects of mental retardation once diagnosis has been made, to promote programs of physical fitness and vocational supervision for the retarded, to train professionals to work in the field and to make the general public aware of the efforts being exerted in behalf of those now retarded and of those yet unborn.

TYPE OF ASSISTANCE

Research Grants

ELIGIBILITY

The Kennedy Foundation prefers to select its own grantees but is willing to receive applications. Senior scholar support for research related to mental retardation has been awarded in neurology, genetics, biochemistry, pediatric neurology, virology, obstetrics, pediatrics, embryology, experimental psychology, neurochemistry, neurosurgery, child psychiatry and physiology, special education, physical education, ethics, and law.

In addition to the support of senior scholars at selected universities, the foundation supports research and training programs, offers service grants in physical education, and construction grants for university mental retardation programs.

Researchers interested in further pursuing the possibility of financial assistance from the Kennedy Foundation should contact the foundation and present a brief description of the proposed project, including a budget, qualifications of personnel involved, and specific goals of the research. The Kennedy Foundation is interested in nearly any type of research in the mental retardation and ethics field and will request substantiating materials if the scientific advisory committee finds the proposal eligible for possible funding.

CONTACT AGENCY

Scientific Research, Joseph P. Kennedy, Jr. Foundation, 1701 K Street, N.W., Washington, D.C. 20006.

DEVELOPMENTALLY DISABLED - REHABILITATION SERVICE PROJECTS

AUTHORIZATION

Federal - Vocational Rehabilitation Act, as amended, Section 4(a)(1);  
Public Law 90-391; 21 U.S.C. Chapter 4

State - Health and Safety Code, Division 25, commencing with  
Section 38000.

OBJECTIVES

To support part of the cost of organization identifiable service  
and training activities which contribute to the rehabilitation  
of the mentally retarded. The service programs are for the mentally  
retarded generally ineligible for vocational rehabilitation services.  
This authority includes the student work experience and training  
program of training students during the summer.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 - \$7,000,000

Grant Range \$10,000 to \$1,000,000

Average Grant \$40,000

Sharing Ratio - The applicant may request funds to cover only part  
of the cost necessary to conduct the project. The financial partici-  
pation required of applicants is dependent upon the type of project  
for which support is being requested.

### ELIGIBILITY

Applicant - States and public or other nonprofit organizations, agencies, and institutions, including universities and other educational institutions.

Beneficiary - The mentally retarded individual not generally eligible for vocational rehabilitation services. Personnel in all fields or disciplines which contribute to the rehabilitation of the mentally retarded.

### USE AND RESTRICTIONS

Service and training - Grants may be approved for personnel, equipment, supplies, travel, etc. The Student Work Experience and Training Program supports only salary and eligible fringe benefits of the student workers. No federal financial assistance may be furnished under this program for activities for which payment is made under other federal authority.

### CONTACT AGENCY

Chief, Bureau of Mental Retardation and Disabilities Services,  
California State Department of Public Health, 1625 Shattuck Avenue,  
Berkeley, California 94704.

MENTAL RETARDATION EVALUATION

AUTHORIZATION

Executive Order 11280, dated May 11, 1966.

OBJECTIVES

To advise and assist the President on all matters pertaining to mental retardation; evaluate national, state and local efforts; help coordinate Federal activities; facilitate communication between Federal, state and local agencies; inform the public about mental retardation; and mobilize support for related activities.

TYPE OF ASSISTANCE

Advisory Services and Counseling; Dissemination of Technical Information

FUNDS AVAILABLE

Federal Obligations- fiscal year 1972 - \$653,000  
Grant Range, Average and Sharing Ratios are not applicable.

ELIGIBILITY

State governments and citizens of all states.

USE AND RESTRICTIONS

Not applicable.

CONTACT AGENCY

Executive Director, President's Committee on Mental Retardation,  
Washington, D.C. 20202.

PROGRAMS FOR NARCOTIC ADDICTION AND DRUG ABUSE

MENTAL HEALTH - COMMUNITY ASSISTANCE GRANTS FOR  
NARCOTIC ADDICTION AND DRUG ABUSE

AUTHORIZATION

Alcoholic and Narcotic Addict Rehabilitation Amendments of 1968, Part B, Title IV; Public Law 90-574; 42 U.S.C. 2681 et seq., as amended; Community Mental Health Centers Amendments of 1970, Title III, Public Law 91-211; Comprehensive Drug Abuse Prevention and Control Act of 1970, Title I, Public Law 91-513.

OBJECTIVES

To help prevent and control narcotic addiction and drug abuse; to reach, treat, and rehabilitate narcotic addicts, drug abusers, and drug-dependent persons through a wide range of community based services in order to restore them to health as useful members of society; to develop innovative and effective methods for delivery of services; to collect and prepare and disseminate information dealing with the use and abuse of drugs and the prevention of drug abuse.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 - \$27,000,000

Grant Range \$142,500 to \$904,500

Average Grant \$340,000

Sharing Ratio - Staffing grants are awarded on a decreasing percentage basis over a period of eight years of operation.

Area designated by Secretary, Department of Health, Education and Welfare as Poverty Area: 90 percent - 1st and 2nd years, 80 percent - 3rd year, 75 percent - 4th and 5th years, 70 percent - 6th, 7th and 8th years; Non-Poverty Area: 80 percent - 1st and 2nd years, 75 percent - 3rd year, 60 percent - 4th year, 45 percent - 5th year, 30 percent - 6th, 7th and 8th years. No matching requirements for grants for specialized training program; evaluation, surveys, demonstrations, field trials, etc., but applicants are generally expected to share in the costs.

#### ELIGIBILITY

Must be: (a) a community mental health center or an affiliate of a community health center; (b) a public or private nonprofit agency or organization located in an area which has no community mental health center. The applicant under (b) must agree to utilize existing community resources and to apply for affiliation with any future community mental health center servicing the area. Applicants must provide at least five essential services to narcotic addicts and drug dependent persons - inpatient, outpatient, intermediate (half-way house, partial hospitalization), 24-hour emergency services, and community-wide consultation and education services.

Beneficiary - Narcotic addicts and drug dependent persons. A narcotic addict is any person whose use of narcotic drug causes physical, psychological, or social harm to himself or endangers the health, safety, or welfare of others. A drug dependent person is any person who uses a controlled substance and who is in a state of psychic or physical dependence, or both.

### USE AND RESTRICTIONS

This program authorizes funds on a matching basis for construction, special projects, and initial staffing of facilities offering comprehensive services for the treatment of narcotic addicts. (Construction has not been implemented.) The program also provides for specialized training programs, evaluation, surveys, field trials, and demonstrations of new and effective methods of delivery of services. Staffing grant funds may be used to pay for temporary periods a portion of the compensation of professional and technical personnel with some experience in the prevention and treatment of narcotic addiction. A higher percentage may be paid if the area has been designated a poverty area by the Secretary, Department of Health, Education, and Welfare.

Construction funds may be used for new facilities or to remodel and expand existing facilities "when implemented". Part or all of the cost of specialized training programs, evaluation projects, surveys, field trials, and demonstrations may be funded.

### CONTACT AGENCY

Chief, Narcotic Addict Rehabilitation Branch, Division of Narcotic Addiction and Drug Abuse, National Institute of Mental Health, Health Services and Mental Health Administration, 5454 Wisconsin Avenue, Chevy Chase, Maryland 20015.



#### USE AND RESTRICTIONS

Development of specialized training programs and/or related materials; training personnel to operate, supervise, and administer services for the prevention and treatment of narcotic addiction, drug abuse, and drug dependence; surveys and field trials to evaluate the adequacy of programs, demonstrations of new and effective methods of delivery of services and educational projects for collection, preparation, and dissemination of information dealing with the use abuse of drugs and the prevention of drug abuse.

#### CONTACT AGENCY

Division of Narcotic Addiction and Drug Abuse, National Institute of Mental Health, Health Services and Mental Health Administration, 5600 FishersLane, Rockville, Maryland 20852.

DRUG REHABILITATION

AUTHORIZATION

Economic Opportunity Act of 1964, as amended by Public Law 91-177, Section 106; 42 U.S.C. 2809; Public Law 88-452.

OBJECTIVES

The program provides grants for community-based programs to discover the causes of drug abuse and addiction, and to treat the drug abuse and drug addict, emphasizing the reentry of the drug abuser and addict into society rather than his institutionalization and utilizing the services of recovered drug abusers and addicts as counselors.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 - \$18,000,000

Grant Range \$156,609 to \$4,700,000

Average Grant \$500,000

Sharing Ratio - 20 percent non-federal share, cash or in-kind.

ELIGIBILITY

Applicant - The local Community Action Agency (CAA) or any other local public or private nonprofit organization which can demonstrate adequate professional competence. In any community which has a recognized community action agency, the local community action agency should serve as grantee.

Beneficiary - Low-income addicts or drug users and their families who are otherwise eligible to receive services from other local Office of Economic Opportunity supported programs, e.g., neighborhood health centers, neighborhood service centers.

#### USE AND RESTRICTIONS

To provide funds for staff and facilities to provide a full range of rehabilitative services to addicts and drug users including outreach, residential care (halfway houses), remedial education, training of recovered addicts and drug users for staff positions in rehabilitation programs, and therapeutic drugs (including Methadone). When necessary, the grants may also provide partial support for general health and mental health services, employment and vocational rehabilitation programs, and detoxification. The grants may also support prevention and early intervention programs with youth, and community education and planning activities. No Office of Economic Opportunity funds may be used to support program elements which can be supported from any other source. Also, Office of Economic Opportunity funds can support only new program elements. Office of Economic Opportunity funds will not be used to support major facilities such as detoxification centers; and, by and large, will not be used to support programs that are not an integral part of other local antipoverty efforts, e.g., neighborhood service centers, neighborhood health centers, etc.

#### CONTACT AGENCY

The local Community Action Agency or Office of Economic Opportunity Regional Office (Appendix A).

PUBLIC EDUCATION ON DRUG ABUSE

AUTHORIZATION

Comprehensive Drug Abuse Prevention and Control Act of 1970.  
Reorganization Plan No. 1 of 1968.

OBJECTIVES

To furnish advisory services to groups desiring to establish an educational program of drug abuse.

TYPE OF ASSISTANCE

Advisory Services and Counseling.

ELIGIBILITY

Service, social, professional, educational, religious, municipal, or other similar organizations.

USE AND RESTRICTIONS

For organizations desiring to present drug abuse prevention programs to the public.

CONTACT AGENCY

Regional Office of the Bureau of Narcotics and Dangerous Drugs.  
(Appendix A)

**PROGRAMS FOR ALCOHOLISM**

MENTAL HEALTH - DIRECT GRANTS  
FOR SPECIAL PROJECTS (ALCOHOLISM)

AUTHORIZATION

Alcoholic and Narcotic Addict Rehabilitation Amendments of 1968,  
Part A, Title III, Public Law 90-574, 42 U.S.C. 2681 et seq.  
Community Mental Health Centers Amendments of 1970, Title III, Public  
Law 91-211.

OBJECTIVES

Prevention and control of alcoholism through development of specialized  
training programs and/or materials relating to the provision of public  
health services for prevention and treatment of alcoholism; surveys  
and field trials to evaluate the adequacy of programs, demonstrations  
of new and effective methods of delivery of services, and initiation  
and development of community programs for comprehensive alcoholism services

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 - \$1,423,000

Grant Range and Average - New program, no experience.

Sharing Ratios - Applicant is expected to share in the costs of the  
projects.

ELIGIBILITY

The applicant for support in all cases must be a public or a private  
nonprofit organization with expertise in the appropriate area. An

applicant for an Initiation and Development Grant must be located in or near the area to be served or must have designated responsibility for planning and developing alcoholism programs in that area. The applicant is not eligible if it has previously received an Initiation and Development Grant for alcoholism services in the same area.

#### USE AND RESTRICTIONS

Funds may be used for part or all of the cost directly related to these programs, including salaries and fringe benefits, consultant fees, necessary travel, supplies and equipment, and other necessary expenses. Indirect cost reimbursement is allowable where appropriate at Department of Health, Education, and Welfare established rate.

Support for initiation and development of community programs for comprehensive alcoholism services is limited to a total of \$50,000 for one year. Funds are to be used to assess local needs, design alcoholism programs, obtain local financial and professional support, and foster community involvement in developing these services. These funds may not be used for direct services to patients, foreign travel, and alteration or remodeling of space.

#### CONTACT AGENCY

Associate Regional Health Director for Mental Health of Regional Office of Department of Health, Education, and Welfare (Appendix A).



### ELIGIBILITY

Applicant - must be a community mental health center; or be a public or private nonprofit organization affiliated with a community mental health center; or be a public or private nonprofit organization located in an area which has no community mental health center which will agree to both appropriately utilize existing community resources and to apply within a reasonable time for affiliation with any future community mental health center servicing the area.

Beneficiary - comprehensive services must be available to all alcoholics and problem drinkers and their families who reside in the specified geographic area.

### USE AND RESTRICTIONS

Staffing grant funds may be used to pay for temporary periods a portion of the compensation of professional and technical personnel with some experience in the prevention and control of alcoholism who provide an element or elements of comprehensive services.

A higher percentage may be paid if the geographic area served has been designated by Secretary, Department of Health, Education and Welfare as a poverty area. The program to be supported must provide five essential services - inpatient, outpatient, intermediate care, emergency services available 24 hours a day for medical, psychiatric, and social emergencies, and consultation and education services to community agencies and professionals.

### CONTACT AGENCY

Associate Regional Health Director for Mental Health in Department of Health, Education, and Welfare Regional Office (Appendix A).

HEALTH SERVICE PROGRAMS

COMPREHENSIVE HEALTH SERVICES

AUTHORIZATION

Economic Opportunity Act of 1964, as amended, Title II, Section 222(a)(4); 42 U.S.C. 2809; Public Law 88-452.

OBJECTIVES

To develop better methods of providing comprehensive health care to low-income persons, involving consumers actively in planning and operations.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 -	\$114,000,000
Grant Range	\$500,000 to \$5,000,000
Average Grant	\$2,000,000

ELIGIBILITY

Applicant - Any public or private nonprofit agency, such as a medical society, medical school, hospital, public health department, group practice plan, or health corporation may apply.

Beneficiary - Patient resides in the area being served by the center. Emergency care should be provided without delay. Eligibility criteria must be established and eligibility determinations made in ways which are consistent with the objective of eliminating financial, administrative, and other barriers to needed health services. Income levels are either Office of Economic Opportunity Poverty Index or State Medicaid income standards.

#### USE AND RESTRICTIONS

To provide for development of comprehensive health services, including treatment and diagnostic services, homecare, outreach, rehabilitation, dental care, family planning, mental health care and other related services. In addition, the grants may help training of personnel, planning activities, evaluation of projects, and transportation for patients.

Provision must be made to assure that all health services are under competent professional supervision and meet high standards of quality. All appropriate elements of the community, including those served, must be involved in the project's planning and development. Office of Economic Opportunity funds are a "last dollar" resource and cannot be used to support services, facilities, equipment, or supplies for which support is already available. Available reimbursements from MEDICAID and MEDICARE and other third parties must be obtained.

#### CONTACT AGENCY

The local community action agency, or the Office of Economic Opportunity Regional Office (Appendix A).

COMPREHENSIVE PUBLIC HEALTH SERVICES - FORMULA GRANTS

AUTHORIZATION

Federal - Public Health Services Act, Title III, Section 314(d), as amended; 42 U.S.C. 246.

State - Health and Safety Code, Division 1, Part 1.5, commencing with Section 437.

OBJECTIVES

Assist states in establishing and maintaining adequate community, mental, and environmental public health services, including training of personnel for state and local public health work.

TYPE OF ASSISTANCE

Formula Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 - \$100,000,000

Grant Range \$65,700 to \$5,558,900

Average Grant \$800,650

ELIGIBILITY

Only state health and mental health authorities are eligible for formula grants for public health services. U.S. territories are also eligible.

USE AND RESTRICTIONS

Assist states in making significant contributions toward providing and strengthening public health services in its various political subdivisions.

Restrictions are that 70 percent of federal funds allotted in the state health and mental health agencies must be available to support services in communities of the state; 15 percent of a state's allotment must be allocated to the state mental health authority. Services must be provided in accordance with plans of the state comprehensive health planning agency. The 314(d) state plan must contain or be supported by satisfactory assurances that public health services are furnished in accordance with the planning recommendations of the state comprehensive health planning agency supported under section 314(a) of the Public Health Service Act, as amended.

CONTACT AGENCY

Community Health Services and Resources Program, California State  
Department of Public Health, 2151 Berkeley Way, Berkeley, California  
94704.

HEALTH SERVICES DEVELOPMENT - PROJECT GRANTS

AUTHORIZATION

Public Health Service Act, Title III, Section 314(e) as amended by Section 3 of the Comprehensive Health Planning and Public Health Service Amendments of 1966, Public Law 89-749; Section 2 of the Partnership for Health Amendments of 1967, Public Law 90-174; and Title II of the 1970 amendments to Public Health Service Act, Public Law 91-515; 42 U.S.C. 246.

OBJECTIVES

Support a full range of public health services to meet special needs at the community level, especially health problems of regional or national significance; develop and support, for an initial period, new programs of health services, including related training; and development of comprehensive health centers.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 - \$105,713,000

Grant Range \$10,000 to \$2,250,000

Average Grant \$172,250

Sharing Ratio - While there are no specific matching requirements for health services development project grants, applicants must assume part of the project costs (determined on a case by case basis).

### ELIGIBILITY

Any public or nonprofit private agency, institution, or organization.

Profit making organizations are not eligible.

### USE AND RESTRICTIONS

Project grants must involve one or more of the following: The measures to be employed have not been applied beyond a successful developmental state and demonstration; have not been applied in the location identified by the application; or will be extended to serve a population not being served. Services must be provided in accordance with plans of the state comprehensive health planning agency. Proposals designed to improve the accessibility of health care to the poor within their communities, and projects for attacking primary causes of sickness and mortality, especially through model comprehensive health service centers, will receive highest priority.

Unallowable costs: alterations and renovations not allowed without prior Health Services and Mental Health Administration approval and may not exceed \$75,000; contingency reserves; entertainment; equipment in excess of \$2,000 requires prior Health Services and Mental Health Administration approval; foreign travel; honorarium; library support; property taxes; construction or purchase of buildings or land; trainee stipends; and subgrants.

### CONTACT AGENCY

Regional Health Director, Department of Health, Education, and Welfare, Regional Office (Appendix A).

ASSISTANCE TO COUNTIES FOR TUBERCULOSIS SANITORIA

AUTHORIZATION

Health and Safety Code, Division 4, Chapter 5, commencing with Section 3279.

OBJECTIVES

To provide care to persons suffering from pulmonary tuberculosis who are unable to pay for their support and who have no relatives legally liable and financially able to pay for their support.

TYPE OF ASSISTANCE

Reimbursement per patient day for care

FUNDS AVAILABLE

State appropriation - fiscal year 1972 - \$331,441

ELIGIBILITY

Applicant - Cities, counties, or groups of counties that maintain a tuberculosis ward, hospital, or sanitarium for the treatment of persons suffering from tuberculosis.

Beneficiary - Persons suffering from tuberculosis, cared for at public expense, who are unable to pay for their support and who have no relatives legally liable and financially able to pay for their support.

#### USE AND RESTRICTIONS

As thousands of new cases of tuberculosis still occur every year in California, continuing efforts are directed at developing and promoting more effective early casefinding methods; providing uninterrupted treatment of cases; and prevention of disease by close followup of case contacts and prophylactic treatment of those at high risk. Staff administer the state subvention to counties for hospital care of tuberculosis patients and provide consultation to local health departments on their tuberculosis programs.

#### CONTACT AGENCY

California State Department of Public Health, Bureau of Adult Health and Chronic Diseases, 2151 Berkeley Avenue, Berkeley, California 94704.



### ELIGIBILITY

Applicant - State and local health departments and other agencies; nonprofit private agencies, institutions or organizations are eligible. Profit making organizations are not eligible.

Beneficiary - Domestic migratory agricultural workers and their families, and workers and their families who perform seasonal agricultural services similar to migrant workers.

### USE AND RESTRICTIONS

The grantee may establish and operate family health services clinics or other projects designed to improve health conditions or provide health services. Examples of services include medical care to prevent or treat illness, nursing services, sanitation services, health education, necessary care in hospitals, training and orientation of project staff, training of migrants to be health aides, and coordination of services between areas and states along the same migrant stream.

Unallowable costs: alterations and renovations not allowed without prior Health Services and Mental Health Administration approval and may not exceed \$75,000; contingency reserves; entertainment; equipment in excess of \$2,000 requires prior Health Services and Mental Health Administration approval; foreign travel; honorarium; library support; property taxes; construction or purchase of buildings or land; trainee stipends; and subgrants.

### CONTACT AGENCY

Regional Health Director, Department of Health, Education, and Welfare, Regional Office (Appendix A).

INDIAN HEALTH SERVICES

AUTHORIZATION

Act transferring responsibility for health services to Indians from Bureau of Indian Affairs (Interior) to Public Health Service; Public Law 83-568, 42 U.S.C. 2001-2004a.

OBJECTIVES

To improve the health of approximately 420,000 American Indians and Alaska Natives by providing a full range of curative, preventive and rehabilitative services that include public health nursing, maternal and child health care, dental and nutrition services, psychiatric care and health education.

TYPE OF ASSISTANCE

Provision of Specialized Services; Advisory Services and Counseling

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 - \$139,126,000

ELIGIBILITY

Generally, Indians qualify who live on or near a reservation and are recognized as members of a tribe with whom the Federal Government has a special relationship, or are recognized as Indians by the communities in which they live.

USE AND RESTRICTIONS

Inpatient and outpatient medical care is provided through a system that includes 49 Public Health Service Indian Hospitals, and 2 TB Sanatoria, 73 health centers and school health centers, over 300 other health stations and locations, and contracted arrangements with private and community hospitals, private physicians, dentists, and other professionals, and state and local agencies. Funds are spent to provide direct and contractual medical care and a full range of field health services for more than 420,000 Indian and Alaska Natives who meet eligibility requirements.

CONTACT AGENCY

Indian Health Service, Regional Office. Appendix A.

MEDICAL ASSISTANCE PROGRAM

AUTHORIZATION

Federal - Title XIX Social Security Act, as amended; Public Law 89-97; Public Law 90-248; Public Law 91-56; 42 U.S.C. 1396, et seq.

State - Division 9, Part 3, Chapter 7 of the Welfare and Institutions Code; Division 3 of Title 22 of the California Administrative Code.

OBJECTIVES

Provide financial assistance to states for medical assistance support of the indigent and "medically needy".

TYPE OF ASSISTANCE

Formula Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 - \$3,827,619,000

Grant Range \$163,000 to \$791,205,000

Average Grant \$70,881,000

Sharing Ratio - Formula is based on average per capita income in each state. States must appropriate sufficient funds to match the 50 to 83 percent of federal funds awarded.

ELIGIBILITY

Applicant - California State Department of Health Care Services operates under a Department of Health, Education, and Welfare approved (MEDICAID) State Plan and must comply with all federal regulations governing aid and medical assistance to the needy.

Beneficiary - Any needy individual may apply to a state or local welfare agency for medical assistance. Eligibility is determined by the state in accordance with federal regulations.

#### USE AND RESTRICTIONS

States must provide in- and out-patient hospital services; other types of laboratory and x-ray services; skilled nursing home services for individuals 21 years of age or older; physicians' services; and early and periodic screening, diagnosis, and treatment. Home care services must also be provided to those who meet eligibility requirements.

#### CONTACT AGENCY

Associate Regional Commissioner, Medical Services Administration,  
Social and Rehabilitation Service, Department of Health, Education  
and Welfare, Regional Office (Appendix A).

California State Department of Health Care Services, 714 P Street,  
Sacramento, California.



CONTACT AGENCY

Any VA station director (Appendix A).

VETERANS STATE NURSING HOME CARE

AUTHORIZATION

38 U.S.C. 641-643.

OBJECTIVES

Provides financial assistance to states that furnish nursing home care to veterans in state soldiers' home.

TYPE OF ASSISTANCE

Formula grants

FUNDS AVAILABLE

Federal Obligations - \$6,588,000

Grant Range \$14,000 to \$540,000

Average Grant \$21,600

Sharing Ratio - Payments are limited to one-half cost of care not to exceed \$5.00 per diem for each veteran provided nursing home care.

ELIGIBILITY

Applicant - Any state which operates a designated facility to furnish domiciliary or nursing home care primarily for war veterans.

Beneficiary - War veterans must meet state admission criteria.

USE AND RESTRICTIONS

Payments are limited to one-half of the cost of care not to exceed \$5.00 per day for nursing home care.

CONTACT AGENCY

Any VA station director (Appendix A).



**HEALTH PLANNING PROGRAMS**

COMPREHENSIVE HEALTH PLANNING -

AREAWIDE GRANTS

AUTHORIZATION

Public Health Service Act, Title III, Section 314(b), as amended by Section 3 of the Comprehensive Health Planning and PHS Amendments of 1966, Public Law 89-749; Section 2 of the Partnership for Health Amendments of 1967, Public Law 90-174; and Title II of the 1970 Amendments to Section 111(a) of Public Law 91-296; Public Law 91-515; 42 U.S.C. 246.

OBJECTIVES

To provide financial support for areawide comprehensive health planning, including assessing health needs and alternatives, determining gaps and overlaps in existing health programs, and recommending courses of action that may be taken to achieve the targeted priority health goals.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 - \$13,200,000

Grant Range \$14,000 to \$300,000

Average Grant \$77,800

Sharing Ratio:

The federal share will not normally exceed 50 percent of the costs of areawide health planning projects. Depressed areas meeting certain requirements may be eligible for 75 percent federal support.

#### ELIGIBILITY

Any public agency or private nonprofit organization concerned with health may apply. Profit making organizations are not eligible.

#### USE AND RESTRICTIONS

Grant funds are to be used for areawide comprehensive health planning purposes. No more than 50 percent of the project's total budget may be expended for contract services.

Unallowable costs - alterations and renovations are not allowed without prior Health Services and Mental Health Administration approval and may not exceed \$75,000; contingency reserves; entertainment; equipment in excess of \$2,000 requires prior Health Services and Mental Health Administration approval; foreign travel; honorarium; property taxes; construction or purchase of buildings or land; trainee stipends; and subgrants. Money may not be used to provide or administer health services.

#### CONTACT AGENCY

Regional Health Director of the Department of Health, Education, and Welfare Regional Office (Appendix A).



USE AND RESTRICTIONS

The state formula grant funds may be used only to administer or supervise the administration of the state's comprehensive health planning functions. Not more than 50 percent of the grant funds for any state may be expended for contract services. Money may not be used to provide or administer health services.

CONTACT AGENCY

Regional Health Director of Department of Health, Education, and Welfare (Appendix A).

COMPREHENSIVE HEALTH PLANNING -  
TRAINING, STUDIES, AND DEMONSTRATIONS

AUTHORIZATIONS

Public Health Service Act, Title III, Section 314(c), as amended;  
42 U.S.C. 246.

OBJECTIVES

To provide financial support for projects which will train manpower and develop tools and techniques for state and areawide comprehensive health planning programs. Long-term graduate degree programs are supported as well as continuing education and consumer training programs. Primary emphasis is on long-term training.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 -	\$4,125,000
Grant Range	\$20,000 to \$265,000
Average Grant	\$111,500

ELIGIBILITY

Applicant - any public or nonprofit agency, institution, or other organization is eligible to apply. Not eligible: profit making organizations.

Beneficiary - trainees must be enrolled students of grantee institutions under the academic graduate degree program. Under the continuing

education program, individuals must be in the health planning or related professions. The consumer training program is for the benefit of the general public.

#### USE AND RESTRICTIONS

Grant funds must be used to improve comprehensive health planning in the United States through training, studies, and demonstrations. Unallowable costs: contingency reserves; entertainment; equipment in excess of \$2,000 requires prior Health Services and Mental Health Administration approval; foreign travel; honorarium; library support; property taxes; construction or purchase of buildings or land; and subgrants. For the consumer training, continuing education, and studies and demonstrations projects, equipment may not be purchased except under unusual circumstances and only with prior written approval. In addition, travel to and from a continuing education project is not allowed for the people being trained.

#### CONTACT AGENCY

Director, Division of Comprehensive Health Planning, Community Health Service, Room 7-49, Parklawn Building, 5600 Fishers Lane, Rockville, Maryland 20852.

CENTER FOR DISEASE CONTROL - NUTRITION

AUTHORIZATION

Public Health Service Act, Section 301, 42 U.S.C. 241.

OBJECTIVES

To plan, develop, and coordinate nutrition activities directed towards the achievement of national health goals.

TYPE OF ASSISTANCE

Project Grants (and contracts)

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 -	\$1,000,000
Grant Range	\$30,000 to \$220,000
Average Grant	\$140,000

ELIGIBILITY

Community agencies, public and private health organizations, universities and other institutions with competence in nutrition education.

USE AND RESTRICTIONS

Assistance can be used to identify and develop means for overcoming nutrition and health problems that are prevalent in the United States.

Further uses and restrictions are determined by specific contract objectives, scope of work, and negotiated budget.

CONTACT AGENCY

Center for Disease Control, Department of Health, Education and Welfare, Regional Office (Appendix A).

MILBANK MEMORIAL FUND

PLANNING GRANTS

OBJECTIVES

For the next several years, the fund will be mainly concerned with the organization and administration of new systems for the delivery of health care, primarily in ambulatory health centers serving urban health regions and rural outreach areas in depressed regions.

TYPE OF ASSISTANCE

Development grants and a few fellowships in support of programs in the field of health, with emphasis on preventive medicine, on treatment of causes rather than symptoms, and on the testing and evaluation of new hypotheses.

FUNDS AVAILABLE

Grants vary in amount, depending upon the needs and nature of the request.

ELIGIBILITY

Grants are available to academic and certain other institutions and to individuals affiliated therewith. Grants to individuals, however, must be sponsored and administered by their institutions.

CONTACT AGENCY

The President, Milbank Memorial Fund, 40 Wall Street, New York, New York 10005.

**EMERGENCY PROGRAMS**

EMERGENCY HEALTH - HOSPITAL AND  
AMBULANCE SERVICES

AUTHORIZATION

Public Health Service Act, Sections 301 and 311; 42 U.S.C. 241, 243.

OBJECTIVES

To promote higher standards of emergency transportation and care of victims of accidents and sudden illness at the scene of the accident, during transport to the medical facility, and at the emergency facility.

TYPE OF ASSISTANCE

Training; Advisory Services, and Counseling

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 - \$1,309,435

ELIGIBILITY

State and local health departments, medical and paramedical professional organizations.

USE AND RESTRICTIONS

Limited funding is available for developmental studies relating to guideline and standards for training of ambulance and emergency department personnel, organization of ambulance and hospital emergency services, and the equipment of emergency vehicles and hospital emergency departments. Very limited support is also available for special demonstrations and short-term training in the same areas.

Funds are available only to state and local health departments, and qualified medical and paramedical organizations to provide materials on which communities can base comprehensive emergency health services systems.

CONTACT AGENCY

Department of Health, Education and Welfare Regional Offices  
(Appendix A).

EMERGENCY HEALTH - COMMUNITY PREPAREDNESS

AUTHORIZATION

Federal Civil Defense Act of 1950, section 201(h); 50 U.S.C. App. 2281(h); Public Health Service Act, sections 301 and 311; 42 U.S.C. 241, 243.

OBJECTIVES

To reduce morbidity and mortality by improving the organization and delivery of emergency health and medical services.

TYPE OF ASSISTANCE

Training; Advisory Services and Counseling; Dissemination of Technical Information

FUNDS AVAILABLE

Federal obligations - fiscal year 1972 - \$1,447,600

ELIGIBILITY

State and local health departments.

USE AND RESTRICTIONS

Training and education programs are conducted on national, regional, state and local levels to provide instruction in emergency preparedness.

CONTACT AGENCY

Department of Health, Education, and Welfare, Regional Office (Appendix A).

EMERGENCY HEALTH - CIVIL DEFENSE MEDICAL SELF-HELP

AUTHORIZATION

The Federal Civil Defense Act of 1950, Section 201, as amended;  
Public Law 81-920; 50 U.S.C. App. 2281.

OBJECTIVES

To provide information and training that will help prepare people for survival in a time of natural or nuclear disaster when the services of a physician or other allied health personnel are not available.

TYPE OF ASSISTANCE

Training; Use of Property, Facilities, and Equipment

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 - \$270,000

ELIGIBILITY

State and local governmental agencies, school systems, health and medical groups and medically trained individuals. With the ultimate goal of one member of each family trained in medical self-help, the main eligibility requirement is interest. Training supplies are available to all states as needed.

USE AND RESTRICTIONS

Training Guides and student manuals are available and administrative assistance is provided to the states through Department of Health, Education and Welfare Regional representatives.

CONTACT AGENCY

California State Department of Public Health, 744 "P" Street,  
Sacramento, California 95814.

REGIONAL MEDICAL PROGRAMS



project or activity within its own region by applying for approval and support to the regional advisory group through the local regional medical program office.

#### USE AND RESTRICTIONS

The population of the entire country is currently covered by the 56 regional medical programs already established and funded. Funds for new or expanded activities as part of an existing regional medical program may be applied for only through the regional medical program in which region the activity will take place. In addition, applications may be made for grants to develop services needed by, or which will be of substantial use to, any two or more regional medical programs, but must be first approved by all regions involved.

#### CONTACT AGENCY

Assistant Director for Communications and Public Information, Regional Medical Programs Service, 5600 Fishers Lane, Rockville, Maryland 20852.



local Regional Medical Program office. In addition, applications may be made for grants to develop services needed by, or which will be of substantial use to, any two or more Regional Medical Programs, but must be first approved by all regions involved.

#### USE AND RESTRICTIONS

The population of the entire county is currently covered by the 56 regional medical programs already established and funded. Funds for new or expanded activities as part of an existing regional medical program may be applied for only through the regional medical program in which region the activity will take place. In addition, applications may be made for grants to develop services needed by, or which will be of substantial use to, any two or more regional medical programs, but must first be approved by all regions involved.

#### CONTACT AGENCY

Regional Office Representative, Regional Medical Program Service,  
Department of Health, Education, and Welfare Regional Office (Appendix A).

REGIONAL MEDICAL PROGRAMS - SMOKING AND HEALTH

AUTHORIZATION

Public Health Service Act, Section 301, 42 U.S.C. 241.

OBJECTIVES

To reduce the death and disability associated with cigarette smoking by encouraging young people not to start smoking, by reducing the number of persons now smoking and by encouraging less-hazardous way of smoking.

TYPE OF ASSISTANCE

Project Grants (and contracts)

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 -	\$1,370,000
Grant Range	\$30,000 to \$200,000
Average Grant	\$65,000

ELIGIBILITY

Voluntary health agencies, community agencies, research organizations; unrequested proposals amenable to program objectives are reviewed in terms of program priorities and availability of funds.

USE AND RESTRICTIONS

As determined by specific program objectives, scope of work, and negotiated budget; for example (1) conduct pilot projects in schools, communities and hospitals or within a national professional organization attempting to demonstrate effective smoking control programs;

(2) research into the mechanisms of uptake and secession of smoking.  
Technical information is available to anyone.

CONTACT AGENCY

Chief, National Clearinghouse for Smoking and Health, Regional  
Medical Programs Service, Health Services and Mental Health Adminis-  
tration, 5600 Fishers Lane, Rockville, Maryland 20852.

**TECHNICAL ASSISTANCE**

EXCHANGE OF MEDICAL INFORMATION

AUTHORIZATION

38 U.S.C. 5051 - 5057.

OBJECTIVES

Strengthening those VA hospitals not affiliated with medical schools and remotely located from medical teaching centers, as well as to foster the widest possible cooperation and consultation among all members of medical profession whether within or outside of the Veterans Administration.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 -	\$2,000,000
Grant Range	\$7,500 to \$400,000
Average Grant	\$80,000

ELIGIBILITY

Medical schools, hospitals, research centers and Veterans Administration installations.

USE AND RESTRICTIONS

To provide interchange of medical and related information between VA hospitals, local medical communities and medical schools, hospitals or research centers through pilot programs and grants.

CONTACT AGENCY

Director, Education Service (152D), Veterans Administration  
Center Office, 810 Vermont Avenue, N.W., Washington, D.C. 20420.

COMMUNICABLE DISEASES - TUBERCULOSIS CONTROL

AUTHORIZATION

Public Health Service Act, as amended, Sections 301 and 311; 42 U.S.C. 241 and 243.

OBJECTIVES

To provide leadership and coordination of a joint national, state and local effort to bring about a massive reduction in tuberculosis.

TYPE OF ASSISTANCE

Advisory Services and Counseling; Dissemination of Technical Information; Training

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 - \$800,000

ELIGIBILITY

State and local health departments and individuals or organizations involved with TB control.

USE AND RESTRICTIONS

Assistance is provided for a wide range of TB control activities including research, therapy evaluation, case findings, and public and professional educational and training programs.

CONTACT AGENCY

Chief, Center for Disease Control Services, Department of Health, Education and Welfare, Regional Office (Appendix A).

COMMUNICABLE DISEASES - VENEREAL DISEASE CONTROL

AUTHORIZATION

Public Health Service Act, as amended, Sections 301 and 311; 42 U.S.C. 241 and 243.

OBJECTIVES

To provide leadership, coordination, and direct assistance to state and local governments in controlling venereal disease.

TYPE OF ASSISTANCE

Provision of Specialized Services; Advisory Services and Counseling; Dissemination of Technical Information; Training

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 - \$2,600,000

ELIGIBILITY

States, political subdivisions of states, and other public organizations.

USE AND RESTRICTIONS

Assistance is provided for a wide range of venereal disease control activities, including laboratory management, therapy evaluation, public and professional educational activities and case finding.

CONTACT AGENCY

Chief, Center for Disease Control Services, Department of Health, Education and Welfare, Regional Office (Appendix A).

COMMUNICABLE DISEASE PREVENTION AND CONTROL -  
CONSULTATION AND TECHNICAL ASSISTANCE

AUTHORIZATION

Public Health Service Act, as amended, sections 301, 311, 315, and 361-369; 42 U.S.C. 241, 243, 247, and 264-272.

OBJECTIVES

To assist state and local health authorities and other health-related organizations in stemming the spread of communicable diseases through research, investigations, and evaluation of all methods of controlling or preventing disease; and through provision of epidemic aid, surveillance, and technical consultation.

TYPE OF ASSISTANCE

Training; Advisory Services and Counseling; and Dissemination of Technical Information.

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 - \$1,709,000

ELIGIBILITY

State, territorial and local health authorities.

USE AND RESTRICTIONS

To strengthen state and local communicable disease programs.

Services - epidemic aid; technical assistance; consultation.

Training - state and local health professionals in broad areas of epidemiology, at state's request, in such specific areas as hepatitis, hospital infections, rabies, etc.

CONTACT AGENCY

Chief, Center for Disease Control Services, Department of Health,  
Education, and Welfare, Regional Offices (Appendix A).

HEALTH STATISTICS TRAINING  
AND TECHNICAL ASSISTANCE

AUTHORIZATION

Public Health Services Act, as amended, Sections 301, 305, 311, 312(a), 313 and 315; 42 U.S.C. 241, 242c, 244, 245 and 247

OBJECTIVES

To provide training and technical assistance to state and local health and statistical agencies through advisory services and counseling from the center's professional staff and through the Applied Statistics Training Institute (ATSI) a training program of vital and health statistics.

TYPE OF ASSISTANCE

Advisory Services and Counseling; Training.

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 - \$372,000

ELIGIBILITY

Requests of state and local health and statistical agencies for technical assistance and advisory services are honored to the extent that the center's staffing permits.

Personnel of these agencies are eligible for short-term training courses conducted at the center's Applied Statistics Training Institute, Research Triangle Park, North Carolina. There is no tuition charge, but students must pay their own transportation and personal maintenance.

## USE AND RESTRICTIONS

Applied training in vital and health statistics theory and practice is provided for use by state and local officials and employees and other related professional groups, including courses in administration, vital and health statistics, methods and techniques, data presentations and processing, and cause-of-death classification; also advisory services and counseling are available for promoting the establishment and implementation of state and local vital and health statistics training activities. Technical assistance is available to state and local health statistics offices for developing, promoting, and evaluating programs to improve their operations and professional product through model plans for use by the states, assistance in program implementation and program reviews, health statistics operations, and consultation and technical assistance to agencies covering any aspect of their operation, such as survey design, registration systems, data processing automation, and statistical analysis. No restrictions.

## CONTACT AGENCY

Director, Office of State Services, National Center for Health Statistics, Post Office Box 12214, Research Triangle Park, North Carolina 27709.

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CANCER

CANCER RESEARCH - GRANTS

AUTHORIZATION

National Cancer Institute Act of 1937; Public Health Service Act;  
Public Law 78-410; 42 U.S.C. 282.

OBJECTIVES

To conduct, assist, and foster research, investigations and experiments, and studies relating to the cause, prevention, and methods of diagnosis and treatment of cancer.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 - \$67,250,000

Grant Range \$27,000 to \$365,000

Average Grant \$49,000

Sharing Ratio - current legislation requires that the grantee also participate in the cost of each research project. Cost-sharing agreements are individually negotiated with the grantee.

ELIGIBILITY

The grantee will be a university, college, hospital, public agency, or nonprofit research institution which submits an application and receives a grant for support of research by a named principal investigator. In exceptional cases, a grantee may be an individual in the United States.

#### USE AND RESTRICTIONS

Grants may be made to eligible institutions for the support of cancer research projects. The grants may be used for personnel, consultant costs, equipment, supplies, travel, patient costs, animals, alterations and renovations, miscellaneous, and indirect costs. Restrictions are imposed against the use of funds for entertainment, foreign travel (unless specifically authorized), office equipment, and other items not normally necessary for the effective prosecution of such research.

#### CONTACT AGENCY

Awards Review and Technical Administration Branch, Extramural Activities, National Cancer Institute, Bethesda, Maryland 20014.

AMERICAN CANCER SOCIETY, INC.

(FACULTY RESEARCH AWARDS)

OBJECTIVES

To speed the conquest of cancer by training and supporting personnel for cancer research.

TYPE OF ASSISTANCE

Grants to support scientists who have sufficient training to pursue careers in teaching and/or research, and who have demonstrated their capacity for conducting meaningful research of their own design.

FUNDS AVAILABLE

Grants include stipends, travel allowances, institutional allowances of up to \$1,000 per year and tuition costs. Stipends vary in amount with the intent of providing an income commensurate with the investigator's experience and in line with the salary scale of the recipient institution.

ELIGIBILITY

Institutions of higher learning in the United States and its territories are eligible to nominate qualified investigators who are at least two years beyond the doctorate. Nominees must demonstrate unusual promise of academic eminence in teaching and research. Since grants are awarded directly to institutions, it is not required that nominees be United States citizens.

DEADLINE - DURATION

Applications are considered at committee meetings held three times each year. Deadlines for receipt of completed materials to be reviewed at these meetings are January 1 (approved grants to be activated on approximately July 1), May 1 (approximate activation date of December 1) and September 1 (approximate activation of March 1). Applications should be submitted enough in advance of the deadline dates to allow sufficient time for staff preparation. Grants provide for up to five years of support, subject to annual review.

CONTACT AGENCY

The Research Department, American Cancer Society, Inc., 219 East 42nd Street, New York, New York 10017.

AMERICAN CANCER SOCIETY, INC.  
(INSTITUTIONAL RESEARCH GRANTS)

OBJECTIVES

To foster meritorious research on cancer that cannot be supported properly or promptly through other available types of support.

TYPE OF ASSISTANCE

Grants for institutional cancer research projects. Support is available for:

1. Integration of varied efforts in cancer research within the institution.
2. Preliminary testing of new and venturesome ideas for research on cancer.
3. Implementation of research on cancer that cannot be financed effectively by other types of extramural grants.
4. Emergency cancer research needs.

FUNDS AVAILABLE

Grants vary in amount, depending upon the needs and nature of the request.

ELIGIBILITY

Institutions of higher learning in the United States and its territories are eligible to apply for support of appropriate research to be conducted by qualified investigators.

DEADLINE - DURATION

Applications are considered at committee meetings held three times every year. Deadlines for receipt of completed materials to be reviewed at these meetings are January 1 (approved grants to be activated on approximately July 1), May 1 (approximate activation date of December 1) and September 1 (approximate activation of March 1). Applications should be submitted enough in advance of the deadline dates to allow sufficient time for staff preparation. Grants are awarded for a term of one year with renewals possible.

CONTACT AGENCY

The Research Department, American Cancer Society, Inc., 219 East 42nd Street, New York, New York 10017.

AMERICAN CANCER SOCIETY, INC.

(RESEARCH GRANTS)

OBJECTIVES

To speed the conquest of cancer through research, to elucidate the causes and course of cancer, and to develop practical means for its prevention and cure.

TYPE OF ASSISTANCE

Grants to support projects in the area of cancer research.

FUNDS AVAILABLE

Grants vary in amount, depending upon the needs and nature of the request. Awards are not designed, however, to cover the full cost of supported research projects. Funds may be used for salaries, necessary equipment, consumable supplies and other research-related expenses.

ELIGIBILITY

Institutions of higher learning in the United States and its territories may apply for support of appropriate research to be conducted by qualified investigators.

DEADLINE - DURATION

Applications are considered at committee meetings held three times each year. Deadlines for receipt of completed materials to be reviewed at these meetings are January 1 (approved grants to be activated on approximately July 1), May 1 (approximate activation

date of December 1) and September 1 (approximate activation of March 1). Applications should be submitted enough in advance of the deadline dates to allow sufficient time for staff preparation. Grants are normally awarded for a period of two years, without assurance of continued support. In rare cases, long-term grants may be awarded for a maximum support period of five years.

CONTACT AGENCY

The Research Department, American Cancer Society, Inc., 219 East 42nd Street, New York, New York 10017.

THE JANE COFFIN CHILDS MEMORIAL FUND FOR MEDICAL RESEARCH

(RESEARCH GRANTS)

OBJECTIVES

Fund established in 1937 as a gift in trust to Yale University for the furtherance of research into the causes, origins, and treatment of cancer.

TYPE OF ASSISTANCE

Research grants and fellowships

FUNDS AVAILABLE

Research Grants:

Grant Range - \$2,000 to \$25,000

Average Grant                      \$10,000

Fellowships:

\$7,500 base with \$750 for each dependent.

ELIGIBILITY

Grants-in-aid awarded to institutions in this country and abroad for the support of specific investigators whose research shows promise for the solution of problems of abnormal growth. Fellowships awarded for training of young men and women at the postdoctoral level for independent research in the same field.

CONTACT AGENCY

Mrs. James F. Lawrence, Secretary, The Jane Coffin Childs Memorial Fund for Medical Research, 333 Cedar Street, New Haven, Connecticut 06510.

THE ANNA FULLER FUND

(RESEARCH GRANTS)

OBJECTIVES

To promote research into the cause, treatment, and cure of cancer.

TYPE OF ASSISTANCE

Grants for the support of cancer research and for the education of the public as to the prevention and treatment of cancer.

FUNDS AVAILABLE

Grants vary in amount, depending upon the needs and nature of the request and usually not exceeding \$10,000. Total disposable income for grants is approximately \$120,000 per year.

ELIGIBILITY

Qualified investigators associated with appropriate charitable institutions are eligible to apply.

DEADLINE

Applications may be submitted at any time and are considered on an individual basis.

CONTACT AGENCY

The Anna Fuller Fund, 205 Church Street, P. O. Box 1936, New Haven, Connecticut 06509.

ELSA U. PARDEE FOUNDATION

(RESEARCH GRANTS)

OBJECTIVES

Administer certain charitable trusts, namely a trust for the control and cure of cancer and a trust for the use of Starr Commonwealth for Boys.

TYPE OF ASSISTANCE

Research Grants; Publication of Cancer Research Journal almost continuously since 1946.

FUNDS AVAILABLE

Research Grants:

Grant Range -	\$6,000 to \$75,000
Average Grant	\$20,000
Cancer Research Publication	\$2,000

ELIGIBILITY

Basic research in cancer through reputable institution.

CONTACT AGENCY

William W. Allen, Secretary, Elsa U. Pardee Foundation, 923 West Park Drive, Midland, Michigan 48640.

DAMON RUNYON MEMORIAL FUND FOR CANCER RESEARCH, INC.

(RESEARCH GRANTS)

OBJECTIVES

To advance career research and aid in the development of projects which have not yet progressed to the stage of an established program.

TYPE OF ASSISTANCE

Grants for imaginative projects in cancer research with preference given to research emphasizing the development of new ideas and stressing originality. Supported projects may be in the general field of growth (i.e., biochemistry and biophysics), but priority is given to cancer research.

FUNDS AVAILABLE

Grants vary in amount, depending upon the needs and nature of the project. Although no limit is specified, grants usually do not exceed \$25,000 with support provided for salaries, supplies, some equipment, and institutional overhead.

ELIGIBILITY

Qualified investigators in association with public or private universities, hospitals, or research institutes are eligible to apply.

DEADLINE - DURATION

Applications must be received by February 1, May 1, August 1, and November 1 for consideration in June, September, December, and March, respectively. Grants are awarded for one or two years with the possibility of renewal.

CONTACT AGENCY

Research Department, Damon Runyon Memorial Fund for Cancer Research,  
Inc., 33 West 56th Street, New York, New York 10019.

LEUKEMIA SOCIETY OF AMERICA, INC.

(GRANTS-IN-AID)

OBJECTIVES

To encourage all medically sound avenues of approach toward a cure or control of leukemia on a worldwide basis.

TYPE OF ASSISTANCE

Grants-in-aid for experimental research in areas pertinent to leukemia and related diseases.

FUNDS AVAILABLE

Grants vary in amount, depending upon the needs and nature of the request. Normally, however, awards do not exceed \$3,000.

ELIGIBILITY

Qualified researchers with appropriate interests are eligible to apply. Preference is given to original investigation not receiving other support.

DEADLINE - DURATION

Applications must be received before November 1 for committee action in January on grants to be activated in July. Grant support is provided for one year.

CONTACT AGENCY

Joseph H. Burchenal, M.D., Vice-President for Medical and Scientific Affairs, Leukemia Society of America, 211 East 43rd Street, New York, New York 10017.

LEUKEMIA SOCIETY OF AMERICA, INC.

(SCHOLAR PROGRAM)

OBJECTIVES

To encourage all medically sound avenues of approach toward a cure or control of leukemia on a worldwide basis.

TYPE OF ASSISTANCE

Grants for advanced postdoctoral research in leukemia, neoplastic diseases, or related states.

FUNDS AVAILABLE

Maximum stipend support is \$100,000 for the total five-year period.

ELIGIBILITY

Clinical or basic science departments of medical schools, university science departments or research institutes may nominate individuals who hold a doctoral degree (such as an M.D., Ph.D., or D.V.M. degree) and have had four years of postdoctoral training. In general, consideration is not given to individuals with tenure or with a stable salary if the major effect of the grant would be to free departmental budget funds for other purposes.

DEADLINE - DURATION

Applications must be received before November 1 for committee action in January on grants to be activated in July. Scholarships provide support for a total period of five years with annual renewal subject to review.

CONTACT AGENCY

Joseph H. Burchenal, M.D., Vice-President for Medical and Scientific  
Affairs, Leukemia Society of America, Inc., 211 East 43rd Street, New  
York, New York 10017.

DENTISTRY

DENTAL RESEARCH - GRANTS

AUTHORIZATION

Public Health Service Act as amended, Part C, Section 422; Public Law 78-410; Public Law 80-755; 42 U.S.C. 288a.

OBJECTIVES

Grants support both clinical and nonclinical research projects bearing on oral health problems. To develop methods for treating and preventing tooth decay, periodontal disease, oral cancer, oral-facial defects, and other oral disorders. Knowledge is needed in the fundamental as well as the applied sciences.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 - \$18,717,000

Grant Range \$2,000 to \$200,000

Average Grant \$40,000

Sharing Ratio - current legislation requires that the grantee also participate in the cost of each research project. Cost-sharing agreements are individually negotiated with the grantee.

ELIGIBILITY

Scientists at universities, hospitals, laboratories, and other public or private nonprofit institutions must apply for a grant. Applications are competitively rated on the basis of scientific merit. No grant may be made unless recommended for approval by the National Advisory Dental Research Council.

#### USE AND RESTRICTIONS

In applying for a research grant the grantee agrees to administer the grant in accordance with the regulations and policies governing the research grants program of the Public Health Service in effect at the time of the award. Administration of a grant-supported research project is a joint undertaking by the grantee and the principal investigator. The grantee assumes responsibility for fiscal and administrative management and fulfillment of any special conditions which may be prescribed for the conduct of the research. The principal investigator and the grantee institution share responsibility for the conduct of the research and for using grant funds prudently for the purposes set forth in the application and Notice of Grant Awarded. When the grantee is an individual not affiliated with an institution, bonding is required as an assurance of financial responsibility.

#### CONTACT AGENCY

Extramural Programs, National Institute of Dental Research, National Institutes of Health, Bethesda, Maryland 20014.



Beneficiary - Ultimately, the students or trainees are the beneficiaries of this program.

USE AND RESTRICTIONS

Grant funds may be used for: (a) direct costs incurred in the conduct of the research project such as personnel salaries, consultant services, equipment, supplies, travel and publication costs; and (b) indirect costs incurred by the institution in providing auxiliary or supportive services to the research project. The use of funds is subject to any modifications or conditions prescribed in the "Notice of Grant Awarded", and consistent with the policies stated in the pamphlet "Public Health Service Grants for Research Projects - Policy Statement", Public Health Service Publication Number 1301.

CONTACT AGENCY

Regional dental consultants, Department of Health, Education, and Welfare regional offices (Appendix A).

EYES



#### USE AND RESTRICTIONS

There is no precise limitation on the number of dollar value of research grants that may be awarded to any one investigator or institution. Research grants provide funds for salaries, equipment, supplies, travel and other expenses, and afford the collateral benefits of enriching the training and experience of research workers. Grantees are expected to be judicious in using grant funds. The application form for a research grant sets forth specific terms and conditions, and requires the signatures of the principal investigator and an official authorized to sign for the institution. The scientist and institution are under an obligation to expend funds prudently for the purposes stated in the application and award document.

#### CONTACT AGENCY

Grants Management Officer, National Eye Institute, National Institutes of Health, Bethesda, Maryland 20014.

FIGHT FOR SIGHT, INC.

(GRANTS-IN-AID)

OBJECTIVES

To assist research and treatment for the conquest of blinding eye diseases, sight impairment, and loss of sight.

TYPE OF ASSISTANCE

Grants-in-aid to assist in the support of specific research investigations in ophthalmology and other fields related to the control of eye diseases and the reduction of the incidence of blindness, including the various branches of biological, chemical, and physical sciences and clinical investigative medicine.

FUNDS AVAILABLE

Grants vary in amount according to the needs and nature of the request. Funds may be used to defray costs of personnel, equipment, supplies, and materials.

ELIGIBILITY

Institutions with suitable research facilities and individual investigators who have access to suitable research facilities are eligible to apply. Special consideration will be given to pilot projects. While awards may be made to the mature investigator, preference will be given to the younger investigator who has not yet had the opportunity to demonstrate fully his proficiency in ophthalmic research and therefore is unlikely to receive support from other sources.

DEADLINE

Applications should be received by March 1.

CONTACT AGENCY

Secretary, Fight for Sight, Inc., 41 West 57th Street, New York,  
New York 10019.

HEART AND LUNG

HEART AND LUNG RESEARCH - RESEARCH GRANTS

AUTHORIZATION

National Heart Act; Public Law 80-655; Public Health Service Act as amended, section 301(d); 42 U.S.C. 241, 287-287c.

OBJECTIVES

To foster research on cardiovascular, pulmonary, and renal diseases.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 - \$113,714,000

Grant Range \$1,000 to \$2,200,000

Average Grant \$70,000

Sharing Ratio - Current legislation requires that the grantee also participate in the cost of each research project. Cost sharing agreements are individually negotiated with the grantee.

ELIGIBILITY

Any nonprofit organization engaged in health related research may apply. An individual scientist may qualify if he has adequate facilities for the conduct of the research.

USE AND RESTRICTIONS

Funds are used primarily to support additional personnel, equipment, supplies, and hospital charges as necessary to accomplish research efforts in cardiovascular pulmonary and renal areas.

Restrictions are imposed against the use of funds for entertainment, foreign travel, office equipment, and other items not normally necessary for the effective prosecution of such research.

CONTACT AGENCY

Associate Director for Extramural Research and Training, National Heart and Lung Institute, Bethesda, Maryland 20014.

AMERICAN COLLEGE OF CHEST PHYSICIANS  
(CECILE LEHMAN MAYER RESEARCH AWARD)

OBJECTIVES

To encourage basic research in the realm of cardiovascular and pulmonary disease.

TYPE OF ASSISTANCE

Award for basic research in pulmonary and cardiovascular diseases.

FUNDS AVAILABLE

The sum of \$1,000 will be awarded the investigator presenting the best paper on pulmonary diseases, and \$1,000 will be awarded the investigator presenting the best paper on cardiovascular diseases.

ELIGIBILITY

Physicians of residency or fellowship status or under the age of 35 are eligible to apply.

DEADLINE

May 1.

CONTACT AGENCY

Howard A. Andersen, M.D., Chairman, Research Forum Committee, American College of Chest Physicians, 112 East Chestnut Street, Chicago, Illinois 60611.

AMERICAN MEDICAL ASSOCIATION EDUCATION AND RESEARCH FOUNDATION

(PROJECT FOR RESEARCH ON TOBACCO AND HEALTH)

OBJECTIVES

To determine which significant ailments may be caused or aggravated by smoking and in what manner, and to identify the particular substance or substances in smoke that may be the causal or aggravating agent.

TYPE OF ASSISTANCE

Grants-in-aid to support research on tobacco and health.

FUNDS AVAILABLE

As a matter of general policy, budgets of approved research projects may not include salary for the principal investigator, but salaries for others employed to assist with the research are a proper budget item. Overhead costs incurred by the institution providing research facilities may also be included, as may funds for permanent equipment. A budget should be submitted with the application.

ELIGIBILITY

Scientists of recognized ability may apply if they have obtained endorsement of the project from the institution that will sponsor their research. Scientists without institutional affiliation are not meant to be excluded and may also make application for funds.

DURATION

Grants-in-aid are renewable up to three years.

CONTACT AGENCY

Committee for Research on Tobacco and Health, American Medical Association, Education and Research Foundation, 535 North Dearborn Street, Chicago, Illinois 60610.

AMERICAN HEART ASSOCIATION

(EMERGENCY GRANTS)

OBJECTIVES

To provide limited funds for emergency project support.

TYPE OF ASSISTANCE

Emergency grants to support unusual needs or projects in the broad field of cardiovascular function and disease or related fundamental problems. Grants are available for emergencies falling within the categories of laboratory disasters, deadline problems, or unusual opportunities.

FUNDS AVAILABLE

Grants vary in amount depending upon the needs and nature of the request.

ELIGIBILITY

United States citizens or permanent residents holding an M.D., Ph.D., D.Sc., D.D.S., D.V.M. or equivalent degree may apply if affiliated with an institution having adequate research facilities. Such institutions include accredited universities, colleges, schools of public health, medical or dental schools, hospitals and laboratories as well as government laboratories and other nonprofit research organizations. Otherwise qualified individuals who are not American citizens or permanent residents may apply through a department head or collaborating investigator who is an American citizen and who is willing to accept administrative responsibility for the award.

DEADLINE - DURATION

Applications may be submitted at any time. Notification of approval or disapproval is usually made within one month of receipt of formal application. Grants are available for a minimum of one to a maximum of twelve months. Awards may not be extended beyond the original grant period.

CONTACT AGENCY

Director of Research, American Heart Association, 44 East 23rd Street,  
New York, New York 10010.

AMERICAN HEART ASSOCIATION

(GRANTS- IN-AID)

OBJECTIVES

To support and expand research activities broadly related to cardiovascular function and disease or to related fundamental problems.

TYPE OF ASSISTANCE

Grants for research related to cardiovascular function and disease. Support is available for research projects and clinical investigations in all basic disciplines (such as physiology, chemistry, or pathology) which bear on cardiovascular problems. Limited support is also available for research in basic sciences independent of apparent direct application to the field of cardiovascular disease.

FUNDS AVAILABLE

Grants vary in amount, depending upon the needs and nature of the request. Current awards, however, rarely exceed \$15,000 per year.

ELIGIBILITY

United States citizens or permanent residents holding an M.D., Ph.D., D.Sc., D.D.S., D.V.M. or equivalent degree may apply if affiliated with an institution having adequate research facilities. Such institutions include accredited universities, colleges, schools of public health, medical or dental schools, hospitals and laboratories as well as government laboratories and other nonprofit research organizations. Otherwise qualified individuals who are not United

States citizens or permanent residents may apply through a department head or collaborating investigator who is an American citizen and who is willing to accept administrative responsibility for the award.

DEADLINE - DURATION

Application materials must be submitted by November 1 for awards to begin on the first day of any month during the following July to October period. Grants provide from one to three years of support.

CONTACT AGENCY

Director of Research, American Heart Association, 44 East 23rd Street, New York, New York 10010.

AMERICAN HEART ASSOCIATION  
(VISITING SCIENTIST PROGRAM)

OBJECTIVES

To enable American scientists to invite outstanding foreign scientists to their laboratories.

TYPE OF ASSISTANCE

Grants to support research collaboration between foreign and American scientists with priority given to requests indicating results superior to that which could be produced by the joint effort of American scientists alone.

FUNDS AVAILABLE

Awards include negotiated stipends (in amounts comparable to similar positions at the host institution), special grants and travel allowances. The maximum per year award to any one visiting scientist is \$20,000.

ELIGIBILITY

United States citizens or permanent residents who hold an M.D., Ph.D., D.Sc., D.D.S., D.V.M. or equivalent degree are eligible to sponsor a visiting scientist program. Both the American sponsor and the awardee foreign scientist (who must also hold one of the degrees enumerated above) must have had sufficient experience to conduct independent research. Preference is usually given to foreign scientists who are between thirty-five and fifty years of age.

DEADLINE - DURATION

Although completed materials should be submitted by September 15 for awards to be activated after the following July 1, applications will be accepted up to December 31. However, applications received after the primary September 15 deadline will be accepted for review and activation subject to the availability of funds. Grants are awarded for three, six, nine, or twelve-month periods. Extensions are possible; however, the total support period usually does not exceed twelve months.

CONTACT AGENCY

Director of Research, American Heart Association, 44 East 23rd Street, New York, New York 10010.

**NEUROLOGY**

UNITED CEREBRAL PALSY RESEARCH AND EDUCATIONAL FOUNDATION  
(RESEARCH AND TRAINING GRANT PROGRAMS)

OBJECTIVES

To support research in areas of prevention and therapy bearing directly on the cerebral palsy problem.

TYPE OF ASSISTANCE

Small grants to support immediate initiation of especially innovative, meaningful research in areas relating to prevention and neuromotor consequences or prematurity, obstetrical and paranatal factors resulting in cerebral palsy, neurotropic viruses (fetal and postnatal) associated with significant neuromotor aftermath, methods of prevention and therapy of hyperbilirubinemia of the newborn, and related areas.

FUNDS AVAILABLE

Grants vary in amount to a maximum of \$2,500 plus fifteen percent of overhead costs.

ELIGIBILITY

Tax-exempt universities and other scientific institutions are eligible to apply on behalf of qualified individuals.

CONTACT AGENCY

United Cerebral Palsy Research and Educational Foundation, 66  
East 34th Street, New York, New York 10016.

UNITED CEREBRAL PALSY RESEARCH AND EDUCATIONAL FOUNDATION

(SMALL GRANTS PROGRAM)

OBJECTIVES

To stimulate and support new research in the field of cerebral palsy.

TYPE OF ASSISTANCE

Small grants for medical research in areas relevant to cerebral palsy with assistance available to commence new research, conduct small-scale studies, or design larger research projects or programs. Support may also provide stop-gap funds during changes of research venue in between periods of aid from other agencies.

FUNDS AVAILABLE

Grants vary in amount, depending upon the needs and nature of the request, with a maximum award of \$2,500.

ELIGIBILITY

Qualified investigators or graduate students affiliated with appropriate institutions are eligible to apply.

DEADLINE - DURATION

Applications may be submitted at any time and are processed as rapidly as received. Grants are usually awarded for a limited period, such as one year or less.

CONTACT AGENCY

Director of Research, United Cerebral Palsy Research and Educational  
Foundation, 66 East 34th Street, New York, New York 10011.

EPILEPSY FOUNDATION OF AMERICA

(RESEARCH GRANTS)

OBJECTIVES

To support basic and clinical research in those areas of the behavioral, biological, and social sciences that contribute to knowledge of the identification, treatment, and rehabilitation of persons with epilepsy.

TYPE OF ASSISTANCE

Grants to support clinical and basic science investigations concerning epilepsy and closely related subjects.

FUNDS AVAILABLE

Awards range from \$1,000 to \$12,000 per year. Funds will be provided mainly for personnel and consumable supplies, not for permanent equipment.

ELIGIBILITY

Investigators who are carrying out their research at centers in the United States are eligible to apply; grants will not be awarded for work at foreign institutions. The principal investigator should hold a position on the faculty of a university and/or a full-time position at a hospital, and should have previous interest and experience in epilepsy studies.

DEADLINE - DURATION

Proposals may be submitted at any time. Awards are made for one year with option of renewal, providing the new application is accompanied by a progress report.

CONTACT AGENCY

Research Grant Program, Epilepsy Foundation of America, 733 Fifteenth Street, N.W., Suite 1116, Washington, D.C. 20005.

NEUROLOGICAL DISEASES AND STROKE -

RESEARCH GRANTS

AUTHORIZATION

Public Health Service Act of 1944, section 301(d), as amended;  
42 U.S.C. 241.

OBJECTIVES

To support research on the causes, prevention, diagnosis, and treatment of neurological, communicative, muscle, and sensory disorders other than vision.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 - \$52,883,000

Grant Range \$5,000 to \$600,000

Average Grant \$38,000

Sharing Ratio - Current legislation requires that the grantee also participate in the cost of each research project. Cost-sharing agreements are individually negotiated with the grantee.

ELIGIBILITY

Any university, medical school, hospital or other nonprofit research institution is eligible to apply. The proposals are reviewed for scientific merit, for evaluation of the qualifications of the applicant, for the adequacy of the research environment, and for the significance of the problem. Approved proposals compete for available funds.

#### USE AND RESTRICTIONS

The grants may be used to provide assistance, supplies, and equipment for research on neurological and sensory diseases (except vision).

Regarding restrictions, the application form includes specific terms and conditions. It must be signed by the principal investigator and an official authorized to sign for the institution. Funds may be expended only for the purposes stated in the application and award document.

#### CONTACT AGENCY

Research Grants Branch, National Institute of Neurological Diseases and Stroke, National Institutes of Health, Bethesda, Maryland 20014.

**NURSING**



#### USE AND RESTRICTIONS

The grants are used to solve problems of patient care, to support conferences on the communication of research findings, and for enabling institutions to strengthen their research efforts and overcome obstacles to research. About 3/4 of the principal investigators in nursing research projects are nurses; such projects are also conducted by interdisciplinary teams that include behavioral scientists, economists, industrial engineers, and hospital administrators.

#### CONTACT AGENCY

Regional Nursing Consultants, Department of Health, Education and Welfare Regional Office (Appendix A).

AMERICAN NURSES' FOUNDATION, INC.

(RESEARCH GRANTS)

OBJECTIVES

The promotion and support of nursing research and the dissemination of research findings.

TYPE OF ASSISTANCE

Grants for nursing research relevant to health care. Support is provided through:

1. Developmental grants to explore a promising research idea, develop research methodology, engage in a pilot study, or perfect a particular research design.
2. Research grants are awarded for investigations which are well-designed systematic inquiries.

FUNDS AVAILABLE

Grants vary in amount, depending upon the needs and nature of the request. Developmental grants are limited to a maximum of \$3,500 per year, whereas research grants may provide more extensive support.

ELIGIBILITY

Qualified nonprofit tax-exempt institutions are eligible to apply. Applicants must clearly indicate, however, that a nurse (or nurses) will participate in the proposed research. ANF's research program and activities are limited to the United States.

DEADLINE - DURATION

Proposals are reviewed semi-annually. Dates of deadlines for receipt of the applications and proposals may be obtained from the American Nurses' Foundation's executive director. Developmental grants are awarded for a period of one or two years, while research grants are longer in duration.

CONTACT AGENCY

Executive Director, American Nurses' Foundation, Inc., 10 Columbus Circle, New York, New York 10019.

## PHARMACOLOGY

GUSTAVUS AND LOUISE PFEIFFER RESEARCH FOUNDATION

(RESEARCH GRANTS)

OBJECTIVES

To further, and generally improve, the public health through the advancement and promotion of medicine and pharmacy.

TYPE OF ASSISTANCE

Grants-in-aid for a variety of projects within the meaning of the foundation's stated purpose. Specific programs concerned with medical education, medical research, and projects related to the advancement of pharmacy are of current primary interest. Support may be given for research, acquisition, and expansion of facilities such as research and technical laboratories, libraries, purchase of scientific equipment, and faculty enrichment programs related to medical and pharmaceutical sciences.

FUNDS AVAILABLE

Grants vary in amount, depending upon the needs and nature of the request. Grants awarded in 1969 equal \$801,805.

ELIGIBILITY

Established tax-exempt nonprofit organizations with appropriate interests are eligible to apply.

DEADLINE - DURATION

Applications should be submitted one month in advance of the director's meeting at which the appeal is to be presented for consideration with the dates for such meetings fixed at the will of the directors. In general, support does not go beyond a three-year period.

CONTACT AGENCY

Gustavus and Louise Pfeiffer Research Foundation, 20 Broad Street,  
New York, New York 10005.

PHARMACEUTICAL MANUFACTURERS ASSOCIATION FOUNDATION, INC.

(RESEARCH GRANTS)

OBJECTIVES

To promote the betterment of public health through scientific and medical research with particular reference to the study and development of the science of therapeutics.

TYPE OF ASSISTANCE

Grants for fundamental research in toxicology or research and training in the fields of clinical pharmacology and drug evaluation.

FUNDS AVAILABLE

Grants vary in amount, depending upon the needs and nature of the request.

ELIGIBILITY

Qualified educational institutions, organizations or individuals with appropriate interests are eligible for support.

DURATION

Grants do not exceed two years.

CONTACT AGENCY

President, Pharmaceutical Manufacturers Association Foundation, Inc., 1155 Fifteenth Street, N.W., Washington, D.C. 20005.

RADIOLOGY

RADIOLOGICAL HEALTH RESEARCH GRANTS

AUTHORIZATION

Public Health Service Act, as amended, especially sections 301 and 311; Public Law 89-749; Radiation Control for Health Safety Act of 1968, Public Law 90-602; 42 U.S.C. 241, 243, 264.

OBJECTIVES

Grants for research in projects that will contribute to determination of the extent and character of the radiation problem, mechanisms by which radiation produces damage in human beings, improvements of present techniques involving radioactivity, and dose-disease relationships. The objectives of the program are to explore ionizing and non-ionizing radiation hazards and reduce the resultant risk to health.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 -	\$1,045,000
Grant Range	\$3,000 to \$150,000
Average Grant	\$25,000
Sharing Ratio -	not applicable

ELIGIBILITY

Any public or private nonprofitmaking institution, individual, or agency involved in conducting research germane to radiological health.

#### USE AND RESTRICTIONS

The grant funds are available for the allowable direct-cost expenditures incident to research performance, plus allocable portions of allowable indirect costs of the institutions, in accordance with the established policies of the Public Health Service. Full support (no matching required) is provided for research. Grants cannot be awarded to a profit-making organization. Full information on restrictions is contained in "Public Health Service - Grants for Research Projects - Policy Statement" available on request.

#### CONTACT AGENCY

Research Grant Offices of the Bureau of Radiological Health, or the Department of Health, Education, and Welfare regional offices (Appendix A).

JAMES PICKER FOUNDATION

(RESEARCH GRANTS)

OBJECTIVES

To encourage investigations in diagnostic radiology and nuclear medicine.

TYPE OF ASSISTANCE

Grants to research institutions for specific projects focused on improvement in methods of diagnosis or treatment of disease through radiology and nuclear medicine. Assistance in the associated areas of radiotherapy, radiobiology, engineering, and physics may be provided if it can be shown that such work bears a relationship to advances in the fields of diagnostic radiology and nuclear medicine. Projects will not be approved, however, in which radiographic techniques and isotopes are used as research tools in areas outside of radiology. Although preference is generally given to projects for which feasibility has already been determined, limited support is available for pilot studies.

FUNDS AVAILABLE

Grants range from \$3,000 to \$10,000 per year and are intended to cover direct research costs, with an additional ten percent available for institutional overhead. A limited number of pilot study grants are awarded in sums not to exceed \$3,000 including overhead. In no instance may grant funds be used for salary of the responsible investigator, building construction, or support of hospital beds, nursing care, and related services.

### ELIGIBILITY

Hospitals, medical schools, and research institutions are eligible to apply for support of appropriate projects under the direction of responsible investigators.

### DEADLINE - DURATION

Applications must be received by October 1 preceding the calendar year during which support is desired (i.e., October 1971 for grants to be announced the following February or March and activated between April 1, 1972 and January 1, 1973). In the case of approved pilot study grants, support may commence within two months of application. Grants initially provide for one or two years of support with extension possible for a maximum period of three years. Pilot study grants are for one year only.

### CONTACT AGENCY

Committee on Radiology, Division of Medical Sciences, National Academy of Sciences, 2101 Constitution Avenue, N.W., Washington, D.C. 20418.

GRANTS FOR GENERAL MEDICAL RESEARCH



## USE AND RESTRICTIONS

Grants may support: new research activities; pilot projects; salaries of professional and technical personnel, stipends, tuition, fees, for persons engaged in health research and research training, and travel, conferences, and scientific communications; central or shared research resources and general purpose research equipment; alterations and renovations; certain activities formerly covered by grants, and supplemental grants during an active grant year for research projects where additional funds are necessary to cover institution-wide salary increases; and collaboration among research disciplines where project-type research is difficult to formulate.

Funds may not be used for: indirect costs; new construction; library support; consultant fees to staff members or employees of grantee institutions; broad institutional planning activities; salary support for research/administrative positions, etc.

## CONTACT AGENCY

General Research Support Branch, Division of Research Resources,  
National Institutes of Health, Bethesda, Maryland 20014.

GENERAL MEDICAL SCIENCES - RESEARCH GRANTS

AUTHORIZATION

Public Health Service Act, Section 301(d); Public Law 87-838;  
42 U.S.C. 241.

OBJECTIVES

To support the discovery and application of new biomedical knowledge and technology required to improve the care of patients in general areas of medicine, and to increase understanding of basic biological processes in health and disease.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations- fiscal year 1972 - \$75,530,000

Grant Range \$4,000 to \$700,000

Average Grant \$59,614

Sharing Ratio - Current legislation requires that the grantee also participate in the cost of each research project. Cost-sharing agreements are individually negotiated with the grantee.

ELIGIBILITY

University, college, hospital, public agency, nonprofit research institutions, or individuals may apply for support for a specific research project. The proposal must receive favorable recommendation from an appropriate scientific review committee and national advisory council. Such assessment is based on scientific merit, health relevance, and consonance with public policy.

#### USE AND RESTRICTIONS

The research project grant is awarded to an eligible institution in the name of a principal investigator for a discrete project representing an investigator's interest and competence. Funds are used for salaries and wages, equipment, supplies, travel, and other costs directly required to carry out the research project. Responsibilities of grantees and restrictions on use of funds are set forth in the Public Health Service publication, "Policy Statement on Grants for Research Projects", available on request from the Division of Research Grants, National Institutes of Health, Bethesda, Maryland 20014.

#### CONTACT AGENCY

Research Grants Branch, National Institute of General Medical Sciences, National Institutes of Health, Department of Health, Education and Welfare, Bethesda, Maryland 20014.



Beneficiary - Scientists conducting the research.

USE AND RESTRICTIONS

Grant funds may be used for paying costs considered necessary to conduct research or studies such as salaries and wages, expendable equipment and supplies, travel, publication costs, other direct costs and indirect costs. Primary responsibility for general supervision of all grant activities rests with the grantee institution; the principal investigator is responsible for the scientific work.

CONTACT AGENCY

Director, Division of Biological and Medical Sciences, National Science Foundation, Washington, D.C. 20550.

W. K. KELLOGG FOUNDATION

(RESEARCH GRANTS)

OBJECTIVES

The Kellogg Foundation is designed to aid institutions and agencies in implementing innovative programs to resolve problems in agriculture and the various fields of health.

TYPE OF ASSISTANCE

Grants

ELIGIBILITY

To be eligible for support, agencies must qualify under the regulations of the United States Internal Revenue Service and must have financial potential to sustain the project on a continuing basis after foundation funding. No grants are made to individuals.

CONTACT AGENCY

Secretary, W. K. Kellogg Foundation, 400 North Avenue, Battle Creek, Michigan 49016.

MAX C. FLEISCHMANN FOUNDATION

(RESEARCH GRANTS)

OBJECTIVES

Support of projects which are not normally financed by public tax funds. If an applicant is unclear as to the foundation's current fields of activities, an inquiry directed to it describing the applicant's project may save the trouble or expense of preparing and submitting a formal application.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Grant Range - \$250 to \$1,019,500

ELIGIBILITY

Organizations which are listed as tax-exempt by the United States Government, and no grants are made to individuals.

CONTACT AGENCY

Julius Bergen, Chairman, Max C. Fleischmann Foundation, P. O.  
Box 1871, Reno, Nevada 89505.

THE JOHN A. HARTFORD FOUNDATION, INC.

(RESEARCH GRANTS)

OBJECTIVES

The foundation's main area of interest is currently, as it has been in the past, precisely defined, clinically-oriented, bio-medical research projects aimed at advancing the prevention, diagnosis, and therapy of the many, specific disease states or bodily disfunctions for which present knowledge is unsatisfactory or lacking. In most instances, the preferred setting for such investigations is a teaching hospital or medical school. The foundation will continue its interest in scientific studies in fields not receiving substantial government support as well as specific projects meeting its guidelines that are too new or venturesome to attract financing from other sources.

TYPE OF ASSISTANCE

Research Grants

FUNDS AVAILABLE

Grants paid in 1971 - \$13,477,546

Grant Range - \$20,000 to \$100,000

Average Grant                      \$50,000

ELIGIBILITY

Grants are to Internal Revenue Service approved institutions only.

USE AND RESTRICTIONS

Awards are not made for scholarships, fellowships, or to individuals for any purpose; nor for construction, expansion, or general fund programs.

CONTACT AGENCY

Harry B. George, President, The John A. Hartford Foundation, Inc.,  
405 Lexington Avenue, Suite 5115, New York, New York 10017.

MEDICAL RESEARCH FOUNDATION OF BOSTON, INC.

(GRANTS-IN-AID)

TYPE OF ASSISTANCE

Grants-in-aid to support research and advanced study in medical and biological fields.

FUNDS AVAILABLE

Grants vary in amount depending upon needs and nature of the proposed program.

ELIGIBILITY

Individuals who hold the doctorate in medical or biological fields and who are associated with institutions equipped to support the proposed research or who have been accepted for advanced research training are eligible to apply.

CONTACT AGENCY

Medical Research Foundation of Boston, Inc., 127 Bay State Road,  
Boston, Massachusetts 02215.

RESEARCH CORPORATION - (GRANTS)

OBJECTIVES

A foundation for the advancement of science. Research Corporation supports research in the natural sciences. The Brown-Hazen Program, one of its granting activities, aids basic research projects and programs in the biological-medical sciences. The specific fields of interest of this program are biochemistry, immunology, and microbiology, with special emphasis on research and training programs in medical mycology.

TYPE OF ASSISTANCE

Research Grants

FUNDS AVAILABLE

Grant Range - \$2,000 to \$30,000

ELIGIBILITY

Applicant must be bona fide member of faculty or staff of four-year college, university, medical school or nonprofit research institute. A preliminary letter of inquiry, citing briefly the significance of the research proposed, the experimental plan, the budget and institutional or other support should be written by the principal investigator to the Regional Director of Grants.

CONTACT AGENCY

Dr. Hal H. Ramsey, Regional Director of Grants, Research Corporation,  
1290 Bayshore Highway, Burlingame, California 94010.

IRWIN STRASBURGER MEMORIAL MEDICAL FOUNDATION  
(RESEARCH GRANTS)

OBJECTIVES

To promote medical research and to aid in the dissemination of medical knowledge.

TYPE OF ASSISTANCE

Grants for medical research with primary consideration given to experimental and pilot projects in new and, in some cases, pioneering fields of endeavor. Recently supported investigations have focused on such topics as hepatitis, metabolic disorders, stress and metabolic disorders, stress and heart disease, stress and adaptation, arteriosclerosis and hypertension, obesity, cancer, rehabilitation, organ transplantation, strokes, viral infections, and interferon.

FUNDS AVAILABLE

Grants are in the amount of \$1,000 with an average total of \$30,000 awarded annually.

ELIGIBILITY

Qualified institutions with appropriate interests are eligible to apply; however, grants are primarily awarded to hospitals and medical schools. Preference is given to projects headed by established investigators with past records of accomplishment.

DURATION

Initial support is for one year with renewals possible.

CONTACT AGENCY

Medical Director, Irwin Strasburger Memorial Medical Foundation,  
983 Park Avenue, New York, New York 10028.

UNITED HEALTH FOUNDATIONS, INC.

(RESEARCH GRANTS)

OBJECTIVES

To encourage and support research in the broad field of health improvement through programs of great flexibility.

TYPE OF ASSISTANCE

Project and institutional grants and postdoctoral fellowship awards for health improvement research with assistance available for pilot projects as well as relevant research in basic and clinical biological (medical) sciences, behavioral and social sciences, medical care, and health and medical education. Support is intended for research ventures which cannot find funds elsewhere.

FUNDS AVAILABLE

Grants vary in amount, depending upon the needs and nature of the request.

ELIGIBILITY

Qualified individuals with professional and academic experience sufficient to conduct the proposed research and institutions or organizations with appropriate interests are eligible to apply.

DEADLINE - DURATION

Applications must be received by August 31. Grants are awarded for a period of one year.

CONTACT AGENCY

United Health Foundations, Inc., 820 Second Avenue, New York, New York 10017.

RESEARCH GRANTS NOT OTHERWISE CLASSIFIED

ORENTREICH FOUNDATION FOR THE ADVANCEMENT OF SCIENCE, INC.

(RESEARCH IN AGING)

OBJECTIVES

To offer support to areas of medical research which are directly related to the research activities of the foundation. Broad categorical listings are headed Aging Research and Dermatologic Research.

TYPE OF ASSISTANCE

Research Grants

FUNDS AVAILABLE

Estimated for 1972	\$370,000
Grant Range -	\$5,000 to \$100,000
Average Grant	\$11,000

ELIGIBILITY

A medically-oriented background with experience related to research in aging and dermatology.

CONTACT AGENCY

Seymour Orentreich, Treasurer, Orentreich Foundation for the Advancement of Science, Inc., 909 Fifth Avenue, New York, New York 10021.

ALLERGY AND INFECTIOUS DISEASES-  
RESEARCH GRANTS

AUTHORIZATION

Public Health Service Act, Section 202; 42 U.S.C. 241, Section 301(d).

OBJECTIVES

To assist public and other nonprofit institutions and individuals to establish, expand, and improve research activities in the fields of allergy, immunology, infectious diseases, tropical medicine, parasitology, and related fields.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 - \$56,924,000

Grant Range \$422 to \$1,200,000

Average Grant \$37,000

Sharing Ratio - Current legislation requires that the grantee also participate in the cost of each research project. Cost-sharing agreements are individually negotiated with the grantee.

ELIGIBILITY

Universities, hospitals, laboratories, and other public or private nonprofit institutions.

#### USE AND RESTRICTIONS

Projects must exhibit scientific excellence and be relevant to National Institute of Allergy and Infectious Diseases program goals. Grantee agrees to administer grant in accordance with policies governing research grants program in effect at time of the award.

Grantee institutions may charge grant funds for allowable direct cost expenditures required to carry on approved projects, plus the allocable portion of allowable indirect costs of the institution.

#### CONTACT AGENCY

Grants Management and Operations Branch, National Institute of Allergy and Infectious Diseases, National Institute of Health, Bethesda, Maryland 20015.

ARTHRITIS AND METABOLIC DISEASES-

RESEARCH GRANTS

AUTHORIZATION

Public Health Service Act, as amended, particularly sections 301, 431-433, 42 U.S.C. 241, 289a-289c.

OBJECTIVES

To support basic laboratory research and clinical investigations extramurally, in the various arthritides including rheumatoid arthritis, osteoarthritis, gout and bursitis, collagen diseases such as lupus erythematosus, metabolic diseases such as diabetes mellitus and cystic fibrosis, dermatology, endocrinology, gastroenterology (including diseases of the liver).

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 - \$84,228,000

Grant Range \$25,000 to \$663,500

Average Grant \$37,821

Sharing Ratios - current legislation requires that the grantee also participate in the cost of each research project. Cost-sharing agreements are individually negotiated with the grantee.

ELIGIBILITY

Individuals and public and nonprofit institutions, who propose to establish, expand, and improve research activities in the health

sciences and related fields germane to this Institute's mission. Proposals must be favorably recommended by the National Advisory Arthritis and Metabolic Diseases Council.

#### USE AND RESTRICTIONS

These grants are awarded in support of research projects which are germane to the mission of the National Institute of Arthritis and Metabolic Diseases. Grantee must participate in the cost of each research project. The Public Health Service "Grants for Research Projects: Policy Statement" as revised July 1, 1967, provides guidelines to grantee institutions as to the basic policy requirements under which Public Health Service research grants are administered.

#### CONTACT AGENCY

Associate Director, Extramural Programs, Room 603A Westwood Building, National Institute of Arthritis and Metabolic Diseases, National Institutes of Health, Bethesda, Maryland 20014.



CONTACT AGENCY

Chief, Communicable Disease Control Services, Department of Health,  
Education, and Welfare, regional offices (Appendix A).



USE AND RESTRICTIONS

Research grants are intended to support the direct costs of a project; in accord with an approved budget, plus an appropriate amount for indirect costs.

CONTACT AGENCY

Associate Director for Extramural Programs, National Institute of Environmental Health Sciences, Post Office Box 12233, Research Triangle Park, North Carolina 27709.

THE LALOR FOUNDATION  
(RESEARCH IN REPRODUCTION)

OBJECTIVES

To assist able young postdoctoral investigators toward careers of advanced research and achievement in particular areas.

TYPE OF ASSISTANCE

Research Grants

FUNDS AVAILABLE

Grants average approximately \$7,000.

ELIGIBILITY

College, university, or medical school staff members (or the equivalent) with training and research experience corresponding to the Ph.D. or M.D. level are eligible to apply. Citizens of all countries may apply for support tenable in any country. Applicants must be less than 41 years of age.

USE AND RESTRICTIONS

Grants made only for research in female mammalian reproductive physiology which is aimed at detection and exploration of dysgenic or dysfunctional factors in ovum or fetal development, evaluation of the genetic impairments involved, and means toward their disposition.

CONTACT AGENCY

C. Lalor Burdick, Secretary, The Lalor Foundation, 4400 Lancaster Pike, Wilmington, Delaware 19805.

FOOD RESEARCH GRANTS

AUTHORIZATION

Public Health Service Act, section 301(d); 42 U.S.C. 241.

OBJECTIVES

This extramural research support program provides grants to assist public and other nonprofit institutions, to establish, expand, and improve research activities related to the control of food-borne illnesses and the safety of the nation's food supply.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 - \$2,631,000

Grant Range \$10,000 to \$100,000

Average Grant \$30,000

Sharing Ratio - institutions must share costs to an extent of at least five percent of award.

ELIGIBILITY

Colleges, universities, and other nonprofit institutions may apply for support of costs directly related to the research proposed.

USE AND RESTRICTIONS

Grants are available for the following types of research-related public health hazards of the national food supply: control of Salmonellae, Clostridium botulinum, and Clostridium perfringens, or any other

bacteriological hazard in foods through processing, storage, or packaging conditions; mycotoxins and their development in foods; and any other toxicological development in food from any cause. Funds may be used for expenses necessary to carry out the approved research, such as salaries or portions of salaries of professionals and non-professional personnel, supplies, equipment, travel related to the research, and publication costs.

CONTACT AGENCY

Office of Research and Training Grants, ACS, Food and Drug Administration, CS-50, 5600 Fishers Lane, Rockville, Maryland 20852.

HEALTH SERVICES RESEARCH AND  
DEVELOPMENT GRANTS AND CONTRACTS

AUTHORIZATION

Public Health Services Act, as amended, Sections 301 and 304; Public Law 78-410 and Public Law 90-174; 42 U.S.C. 241 and 242b.

OBJECTIVES

To expand the base of knowledge and understanding of the forces and factors which affect the ability to attain desirable goals with respect to availability, organization, distribution, utilization, quality, and financing of health services and health care facilities, and to devise methods for their attainment.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 - \$50,218,000

Grant Range \$2,000 to \$1,360,000

Average Grant \$150,000

Grantee is required to share to some extent in the total costs of the project.

ELIGIBILITY

States, political subdivisions, universities, hospitals, and other public or nonprofit private agencies, institutions, or organizations.

Research project grants may also be awarded to individuals.

Profit making organizations are not eligible for grants but are eligible for contracts.

#### USE AND RESTRICTIONS

Grants may include funds for direct costs necessary to carry out an approved project as well as funds for the reimbursement of applicable indirect costs.

Unallowable costs, as well as those for which prior written approval is required, are indicated in the policy statement contained in application kits.

Contract restrictions depend upon specific objectives, scope of work, and negotiated budget.

#### CONTACT AGENCY

Director, National Center for Health Services, Research and Development, Health Services and Mental Health Administration, Department of Health, Education, and Welfare, 5600 Fishers Lane, Rockville, Maryland 20852.

MUSCULAR DYSTROPHY ASSOCIATION OF CANADA

(GRANTS-IN-AID)

OBJECTIVES

To find the cause of and a cure or effective treatment of muscular dystrophy and related disorders through research.

TYPE OF ASSISTANCE

Grants-in-aid to support research into all aspects of normal and diseased muscle.

FUNDS AVAILABLE

Grants vary in amount according to the needs and nature of the project.

ELIGIBILITY

Grants-in-aid are furnished for research projects for which necessary facilities exist and a suitably trained scientist is available to supervise the project.

DEADLINE - DURATION

Applications must be submitted by April 1 of each year. All grants commence on July 1. Grants may be awarded for one or more years. Grantees may apply for renewal subject to suitable progress.

CONTACT AGENCY

Muscular Dystrophy Association of Canada, 160 Bay Street, Toronto 1, Ontario, Canada.

OCCUPATIONAL HEALTH RESEARCH GRANTS

AUTHORIZATION

Public Health Service Act, as amended, sections 301 and 311; 42 U.S.C. 246; Public Law 91-173, Coal Mine Health and Safety Act of 1969, Section 502a; Public Law 91-596, Occupational Safety and Health Act of 1970, Section 201a(1).

OBJECTIVES

This activity provides grants for research programs in occupational health problems in line with the mission of eliminating or controlling any factor in the work environment which is deleterious to the health of the workers and of promoting good health and preventing illness.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 -	\$3,000,000
Grant Range	\$5,000 to \$100,000
Average Grant	\$35,000
Sharing Ratio -	None

ELIGIBILITY

Any public or private nonprofit making institution or agency involved in conducting research germane to this mission.

USE AND RESTRICTIONS

The grant funds are available for the allowable direct cost expenditures incident to research performance, plus allocable portions of allowable

indirect costs of the institutions, in accordance with the established policies of the Public Health Service. Full support (no matching required) is provided for research.

Grants cannot be awarded to a profit making organization. Full information on restrictions is contained in "Public Health Service - Grants for Research Projects", available on request.

CONTACT AGENCY

Department of Health, Education, and Welfare regional office (Appendix A).

RESEARCH FUND OF AMERICAN OTOLOGICAL SOCIETY, INC.  
(OTOSCLEROSIS RESEARCH)

OBJECTIVES

To encourage research in otosclerosis.

TYPE OF ASSISTANCE

Grants for research in areas which will contribute to knowledge of the physiology, pathology, chemistry, and other aspects of the processes involved in otosclerotic disease.

FUNDS AVAILABLE

Grants are small, in amounts which vary according to the needs and nature of the project. The institution and the principal investigator are responsible for using grant funds for the purposes set forth in the application.

ELIGIBILITY

Institutions with adequate facilities and staff qualified to carry out research in appropriate fields are eligible.

DEADLINE - DURATION

Applications must be submitted by February 1 for projects to begin July 1. No limits have been established. The project period is for one year, or two in unusual circumstances, and application may be made for continued support.

CONTACT AGENCY

Ben H. Senturia, M.D., Secretary, Research Fund, American Otolological Society, Inc., 4949 Forest Park Boulevard, St. Louis, Missouri 63108.



athletic injuries due to faulty or improper equipment; flammable fabrics used as clothing or in the home; and other studies which would contribute toward increased consumer protection against hazardous products or substances. Funds may be used for expenses necessary to carry out the approved research, such as salaries of professional and nonprofessional personnel, supplies, equipment, travel related to the research, and publication costs.

CONTACT AGENCY

Office of Research and Training Grants, ACS; Food and Drug Administration; CS-50; 5600 Fishers Lane, Rockville, Maryland 20852.

PROSTHETICS RESEARCH

AUTHORIZATION

38 U.S.C. 216

OBJECTIVES

To develop new and improved prosthetic devices, sensory aids, and related appliances for the primary benefit of disabled veterans. Through comprehensive educational and informational programs, however, the results of such research are made available for the benefit of all disabled throughout the world.

TYPE OF ASSISTANCE

Dissemination of Technical Information; Project Grants

FUNDS AVAILABLE

Federal obligations - fiscal year 1972 - \$2,034,000

Grant Range \$6,500 to \$160,000

Average Grant \$50,000

ELIGIBILITY

Applicant - Any physician, state or local health agency, research organization, university, or rehabilitation center is eligible for assistance.

Beneficiary - New or improved appliances are made available to all beneficiaries eligible for VA prosthetics services

USE AND RESTRICTIONS

The program includes research, development, evaluation, clinical application, dissemination of information, and education for the

many professions concerned. The research projects are not limited to any specific category.

CONTACT AGENCY

Director, Prosthetic and Sensory Aids Service (121), Veterans Administration Central Office, Washington D.C. 20420.



USE AND RESTRICTIONS

The grant funds are available for the allowable direct cost expenditures incident to research performance plus allocable portions of allowable indirect costs of the institutions in accordance with the established policies of the Public Health Service. Full support (no matching required) is provided for research.

CONTACT AGENCY

Environmental Protection Agency Interim Regional Coordinator (Appendix A).



of the Environmental Protection Agency. Full support (no matching required) is provided for research.

Grants cannot be awarded to a profitmaking organization. Full information on restrictions is contained in "Public Health Service-Grants for Research Project-Policy Statement", available upon request.

CONTACT AGENCY

Grant program officers of the respective programs of the Environmental Protection Agency or the Environmental Protection Agency Interim Regional Coordinator (Appendix A).

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**ARTHRITIS**

ARTHRITIS AND METABOLIC DISEASES-

GRADUATE TRAINING GRANTS

AUTHORIZATION

Public Health Service Act, as amended, Sections 301(d), (h);  
433 (a); 42 U.S.C. 241, 289a-289c.

OBJECTIVES

To assist public and other nonprofit institutions in establishing, expanding, or improving training opportunities for individuals interested in careers in research and teaching in the specific areas making up the institute's mission.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations -fiscal year 1972 - \$11,475,000

Grant Range \$20,000 to \$223,000

Average Grant \$52,125

Sharing Ratio - Nonstipendiary component provides only small defrayal of research costs, which must be met from sources such as research grant. Indirect cost allowance is limited to eight percent of direct costs.

ELIGIBILITY

Teaching institutions, including university-related medical centers that have demonstrable capability in both attracting qualified candidates and providing development experience needed in preparation for teaching and research careers.

USE AND RESTRICTIONS

The grants may include both stipendiary support for trainees and defrayal of certain institutional training costs as set forth in publication described under program literature below.

CONTACT AGENCY

Training Officer, Extramural Programs, Room 605A Westwood Building, National Institutes of Arthritis and Metabolic Diseases, National Institutes of Health, Bethesda, Maryland 20014.

THE ARTHRITIS FOUNDATION  
(CLINICAL SCHOLAR AWARDS)

OBJECTIVES

To advance the training of promising young men and women for investigative or clinical teaching careers in fields related to arthritis.

TYPE OF ASSISTANCE

Awards to support the advanced training of physicians who desire a career in academic medicine related to arthritis. Emphasis is on clinical rather than pre-clinical methods in patient observation, care, and investigation with current interests including medical care programs, epidemiology, clinical trials, and natural history of disease or pathology.

FUNDS AVAILABLE

Fellowships carry a stipend of \$8,500 per annum plus \$500 allowance per dependent. An annual increment of \$500 is provided upon request, up to a maximum of \$12,000 including dependency allowances. Awards are accompanied by an annual grant of \$1,000 to the sponsoring institution.

ELIGIBILITY

Qualified individuals who hold an M.D. degree and have had three years of residency training may be nominated jointly by the head of a rheumatic disease group and the chairman of the medical department of a sponsoring United States institution. United States

citizenship is not a requirement; however, noncitizens will not be supported for work in countries other than the United States.

DEADLINE - DURATION

Applications should be submitted by September 1. Awards are initially made for one year with annual renewals possible up to a total support period of five years.

CONTACT AGENCY

Medical Director, The Arthritis Foundation, 1212 Avenue of the Americas, New York, New York 10036.

THE ARTHRITIS FOUNDATION  
(SENIOR INVESTIGATOR AWARDS)

OBJECTIVES

To advance the training of promising young men and women for investigative or clinical teaching careers in fields related to arthritis.

TYPE OF ASSISTANCE

Awards to investigators of faculty rank for advanced training in the basic sciences and clinical disciplines related to arthritis.

FUNDS AVAILABLE

Awards carry a basic stipend of \$8,500 per annum plus an additional allowance of \$500 for each dependent. An increment of \$500 per year is available upon renewal with the maximum annual stipend not to exceed \$12,000. In addition, a grant of \$1,000 will be paid to the sponsoring institution for application to such items relevant to the investigator as annuity programs, travel, and laboratory expenses.

ELIGIBILITY

Qualified individuals holding or eligible for faculty rank (such as instructor, Assistant Professor, or the equivalent) may apply if they have obtained the sponsorship of their institution. United States citizenship is not a requirement; however, noncitizens will not be supported for work in countries other than the United States.

DEADLINE - DURATION

Applications should be submitted by September 1. Awards are tenable for a period of five years, subject to annual renewal.

CONTACT AGENCY

Medical Director, The Arthritis Foundation, 1212 Avenue of the Americas, New York, New York 10036.

CANCER

CANCER - GRADUATE TRAINING

AUTHORIZATION

Public Health Service Act, Title IV; Public Law 78-410; 42 U.S.C. 282.

OBJECTIVES

To help provide an adequate supply of competent research manpower, and to alleviate critical shortage of professional personnel in selected areas affecting the combination of research training and service in the area of cancer.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations-	fiscal year 1972 - \$4,906,000
Grant Range	\$16,000 to \$377,000
Average Grant	\$62,500
Sharing Ratio -	None

ELIGIBILITY

University, college, hospital, public agency, or nonprofit research institution.

USE AND RESTRICTIONS

Graduate research training grants provide support for trainees in the various fields related to cancer research.

The grants may be used for salaries of professional and nonprofessional personnel, short-term training stipends, permanent equipment, consumable

supplies, travel, other expenditures (which do not fall into specific categories, and indirect cost).

Restrictions for National Institutes of Health include the following: Invention statements shall be furnished annually. Institution-wide assurance of compliance with requisite community laws regarding investigations involving human subjects is required. Equipment, publications and travel are subject to certain restrictions, e.g. dollar amounts on equipment, prior approval on foreign travel and the publishing of books, monographs or pamphlets. Additional detailed information may be obtained from Public Health Service publication 1302.

CONTACT AGENCY

Awards and Training Officer, Special Programs Branch, Extramural Activities, National Cancer Institute, National Institutes of Health, Bethesda, Maryland 20014.

CANCER - CLINICAL TRAINING

AUTHORIZATION

Public Health Service Act, Title IV; Public Law 78-410; 42 U.S.C. 282.

OBJECTIVES

To increase the quality and broaden the scope of cancer instruction at the undergraduate, graduate, and postgraduate levels and to seek new and better ways of providing clinical cancer teaching.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 -	\$4,352,000
Grant Range	\$19,000 to \$253,000
Average Grant	\$64,000

ELIGIBILITY

Schools of medicine and their principal affiliated teaching hospitals, schools of dentistry and public health, and specialized cancer institutions capable of giving intensive training in cancer management are eligible to apply for clinical cancer training grants.

USE AND RESTRICTIONS

The grants may be used for salaries of professional and non-professional personnel, short term training stipends, permanent equipment, consumable supplies, travel, and other expenditures which do not fall into the specific categories and indirect

costs. Funds must be used for purposes stated in the approved grant application subject to any modifications and consistent with the policies stated in the pamphlet Public Health Service Publication Number 1301.

CONTACT AGENCY

Program Director, Clinical Cancer Training, Special Programs  
Branch, Extramural Activities, National Cancer Institute, National  
Institutes of Health, Bethesda, Maryland 20014.

CANCER RESEARCH - CAREER DEVELOPMENT

AUTHORIZATION

Public Health Service Act, Sections 301(c), 308, 394, 395, 402(d), 412(g), 422(c), 433(a), and 444; Clean Air Act, Section 103b(6), 42 U.S.C. 241(c), 242(f), 280(b-4), 280(b-5), 282(d), 287(a)(g), 288a(c), 289c(a), and 289(g); 42 U.S.C. 1857b(b)(6).

OBJECTIVES

To foster the development of young scientists with outstanding research potential for careers of independent research in the fields related to cancer research.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 -	\$1,851,000
Grant Range	\$16,000 to \$32,000
Average Grant	\$24,300

ELIGIBILITY

Candidates must be nominated by a non-federal public or private nonprofit institution engaged in health-related research and located in the United States or its possessions or territories. Candidates must have at least three years of relevant postdoctoral experience. Candidates must be less than 40 years old on day application for initial award is received by National Institutes of Health.

Candidates for initial award must be citizens or noncitizen nationals of United States or its possessions or territories or must have been lawfully admitted to the United States for permanent residence at least one year prior to signing the application.

USE AND RESTRICTIONS

Must be used to provide full salaries for young scientists to develop into independent investigators. No funds are provided for indirect costs, fringe benefits, or any other cost such as research support, travel, and tuition or training expenses.

CONTACT AGENCY

Program Director, Awards and Fellowships, Extramural Activities, National Cancer Institute, National Institutes of Health, Bethesda, Maryland 20014.

AMERICAN CANCER SOCIETY, INC.

(SCHOLARS IN CANCER RESEARCH)

OBJECTIVES

To speed the conquest of cancer by training and supporting personnel for cancer research.

TYPE OF ASSISTANCE

Grants to provide salaries for established investigators to undertake special training or acquire experience in some related field beyond that usually obtained through other grants in support of research.

FUNDS AVAILABLE

Grants include stipends, travel allowances, institutional allowances of up to \$1,000 per year and tuition costs. Stipends vary in amount with the intent of providing an income commensurate with the investigator's experience and in line with the salary scale of the recipient institution.

ELIGIBILITY

Institutions of higher learning in the United States and its territories are eligible to nominate qualified investigators who are at least three years beyond the doctorate. Nominees must have a suitable position to which to return upon completion of grant support. Since grants are awarded directly to institutions, it is not required that nominees be United States citizens.

DEADLINE - DURATION

Applications are considered at committee meetings held three times each year. Deadlines for receipt of completed materials to be reviewed at these meetings are December 1 (for approximate grant activation date of July 1), April 1 (activation date of December 1), and August 1 (activation date of March 1). Applications should be submitted enough in advance of the deadline dates to allow sufficient time for staff preparation. Grants provide for up to five years of support, subject to annual review.

CONTACT AGENCY

The Research Department, American Cancer Society, Inc., 219 East 42nd Street, New York, New York 10017.

DENTISTRY

DENTAL RESEARCH - TRAINING GRANTS

AUTHORIZATION

Public Health Service Act, as amended, Part C, Section 422; Public Law 78-410 and Public Law 80-755; 42 U.S.C. 288a.

OBJECTIVES

To increase the number of dental scientists, National Institute of Dental Research supports research training programs developed by grantee institutions.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 -	\$5,206,000
Grant Range	\$3,000 to \$160,000
Average Grant	\$57,000

ELIGIBILITY

Applications are competitively rated on the basis of scientific merit. No grant may be made unless recommended for approval by the National Dental Research Council. Trainees must be citizens or nationals of the United States, or be lawfully admitted to the United States for permanent residence, and must meet the requirements of the training program.

Beneficiary - The trainees are the ultimate beneficiaries of the grants; however, they must meet the minimum standards and requirements of the grantee institutions.

#### USE AND RESTRICTIONS

In applying for a training grant the applicant institution agrees to administer the grant in accordance with the Public Health Service regulations and policies in effect at the time of the award. Administration of a grant-supported training project is a joint undertaking by the grantee and the program director. The grantee assumes responsibility for fiscal and administrative management and fulfillment of any special conditions which may be prescribed for the conduct of the project. The program director and the grantee share responsibility for the conduct of the training and for using grant funds prudently for the purposes set forth in the approved application and notice of grant awarded.

#### CONTACT AGENCY

Extramural Programs, National Institute of Dental Research, National Institutes of Health, Bethesda, Maryland 20014.

DENTAL HEALTH RESEARCH TRAINING GRANTS

AUTHORIZATION

Public Health Service Act, Section 301(d); Public Law 78-410;  
42 U.S.C. 241(d).

OBJECTIVES

To assist public and other nonprofit institutions in establishing, expanding, or improving training opportunities for dentists and investigators from various other fields to enable them to conduct independent research in areas related to dental health.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 -	\$386,000
Grant Range	\$1,531 to \$115,856
Average Grant	\$56,927

ELIGIBILITY

Qualified graduate - degree - granting institutions and other organizations competent to provide research training at the post-baccalaureate level.

Beneficiary - Ultimately the students or trainees are the beneficiaries of this program.

#### USE AND RESTRICTIONS

Grants may include funds for direct costs involved in the approved training program, including salaries, equipment, supplies, and travel. Allowances are also made for indirect costs and for the support of trainees. Funds must be used for purposes stated in the approved grant applications, subject to any modification or conditions prescribed in the notice of grant awarded, and consistent with the policies stated in the pamphlet, "Public Health Service Grants for Training Projects - Policy Statement", Public Health Service publication No. 1302.

#### CONTACT AGENCY

Regional dental consultant, Department of Health, Education, and Welfare Regional Office (Appendix A).

DENTAL HEALTH CONTINUING EDUCATION TRAINING GRANTS

AUTHORIZATION

Public Health Service Act, Section 422(f); Public Law 78-410; 42 U.S.C. 241, 288.

OBJECTIVES

To assist schools of dentistry and other public and nonprofit institutions to establish, expand, and improve organized programs of continuing professional education programs offering the widest possible range of courses in the science of dentistry in as many decentralized locations as necessary to attract the maximum participation of the Nation's practitioners.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 -	\$200,000
Grant Range	\$28,000 to \$57,000
Average Grant	\$40,000

ELIGIBILITY

Because of fund limitations, it is necessary to restrict eligibility to recognized schools of dentistry, extension schools or departments of universities and colleges, and teaching hospitals.

USE AND RESTRICTIONS

Funds are available for direct costs involved in developing new continuing education programs or expanding or improving existing

areas. Allowances also are made for indirect costs incurred by the institutions. The program does not provide funds for tuition, stipends, travel, or other direct support of trainees.

CONTACT AGENCY

Regional Dental Consultant, Department of Health, Education, and Welfare Regional Office (Appendix A).

DENTAL AUXILIARY UTILIZATION TRAINING GRANTS

AUTHORIZATION

Public Health Service Act; Public Law 78-410; 42 U.S.C. 241(h),  
288a(f)

OBJECTIVES

To assist schools of dentistry to establish, continue, or expand  
programs for teaching dental students proper and effective use  
of trained dental auxiliaries.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations-	fiscal year 1972 -	\$3,651,000
Grant Range		\$24,000 to \$186,000
Average Grant		\$75,000

ELIGIBILITY

Applicant must be an accredited dental school in the United States,  
its territories, or possessions, and be approved by the Dental Student  
Training Advisory Committee and the National Advisory Council on Educa-  
tion for the Health Professions.

USE AND RESTRICTIONS

Funds are restricted to the support of existing approved Dental  
Auxiliary Utilization programs and to supporting development of new  
Dental Auxiliary Utilization programs. A grant may be used to support

personnel, provide equipment, renovate space, and other related expenses necessary for the conduct of the program. Specific restrictions are imposed on the use of grant funds for travel and purchase of office equipment.

CONTACT AGENCY

Manpower Development Branch, Division of Dental Health, National Institutes of Health, 9000 Rockville Pike, Bethesda, Maryland 20014.

NEUROLOGY



USE AND RESTRICTIONS

Stipend is for the support of the trainee and his dependents. It is based upon the number of years of the awardee's previous postdoctoral training and/or experience and may include required tuition and fees and a supply and traineeship travel allowance.

CONTACT AGENCY

Chief, Training Grants and Awards Branch, National Institute of Neurological Diseases and Stroke, Extramural Programs, National Institutes of Health, Bethesda, Maryland 20014.

NEUROLOGICAL DISEASES AND STROKE

GRADUATE TRAINING GRANTS

AUTHORIZATION

Public Health Service Act of 1944, as amended, section 301(d);  
42 U.S.C. 241.

OBJECTIVES

To assist training institutions in the recruitment and training of academicians, clinical and basic scientists, and community health leaders for careers in the areas of the neurological and communicative disorders.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 -	\$9,536,000
Grant Range	\$5,000 to \$300,000
Average Grant	\$53,000

ELIGIBILITY

Nonprofit institutions that have graduate training programs in the clinical and basic science disciplines concerned with neurological, neuromuscular, neurosensory, communicative, and related disorders.

USE AND RESTRICTIONS

Grants are made to institutions for the funding of research trainees in the areas of neurological diseases and stroke. The grantee assumes

responsibility for fiscal and administrative management and fulfillment of any special conditions which may be prescribed for the conduct of the project. The program director and the grantee share responsibility for the conduct of the training and for using grant funds prudently for the purposes set forth in the approved application and notice of grant awarded.

CONTACT AGENCY

Chief, Training Grants and Awards Branch, National Institute of Neurological Diseases and Stroke. Extramural Programs, National Institutes of Health, Bethesda, Maryland 20014.

**NURSING**

NURSE SCIENTIST GRADUATE TRAINING GRANTS

AUTHORIZATION

Public Health Service Act, Section 301; Public Law 78-410; 42 U.S.C. 241.

OBJECTIVES

To expand doctoral programs in university departments of basic science and to provide training stipends to nurses who are studying full time toward doctoral degrees in the biological, physical, or behavioral sciences.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations-	fiscal year 1972 - \$700,000
Grant Range	\$32,294 to \$264,786
Average Grant	\$110,777
Sharing Ratio -	None

ELIGIBILITY

Applicant - Graduate Schools of Nursing in universities of demonstrated research accomplishment and with the necessary resources for doctoral training in the basic sciences are eligible to apply.

Beneficiary - Registered nurses with baccalaureate degrees.

USE AND RESTRICTIONS

Grant funds are awarded to graduate schools of nursing in universities of demonstrated research accomplishments and with the necessary resources for doctoral training in the basic sciences.

CONTACT AGENCY

Regional Nursing Consultants, Department of Health, Education, and Welfare, Regional Office (Appendix A).



Beneficiary - Trainees are selected by training institutions and agencies approved by the Division of Nursing. A candidate shall be a graduate of a state-approved school of nursing and be licensed as a professional nurse in a state or possession of the U.S.; be a citizen of the United States or have been lawfully admitted to the United States for permanent residence.

USE AND RESTRICTIONS

Professional Nurse Traineeship funds are used to provide for long-term, full-time academic study in universities and colleges; and for short-term intensive study (5 to 30 days) in courses sponsored by public or nonprofit educational institutions and health agencies to update the knowledge and skills of nurses in leadership positions.

CONTACT AGENCY

Division of Nursing, Bureau of Health Manpower Education, National Institutes of Health, 9000 Rockville Pike, Bethesda, Maryland 20014.

**PUBLIC HEALTH**

GRADUATE TRAINING IN PUBLIC HEALTH - PROJECT GRANTS

(PUBLIC HEALTH PROJECT GRANTS)

AUTHORIZATION

Public Health Service Act, as amended, Section 309(a); Public Law 78-410; Public Health Service Act Amendments; Public Law 91-208; 42 U.S.C. 242g(a).

OBJECTIVES

To expand and/or strengthen graduate or specialized public health training, and to encourage the development of additional programs of instruction necessary to train personnel to meet the emerging needs in public health.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal obligations - fiscal year 1972 -	\$5,017,000
Grant Range	\$7,009 to \$227,358
Average Grant	\$39,653

ELIGIBILITY

Schools of public health and other public or nonprofit private institutions providing graduate or specialized training in public health.

USE AND RESTRICTIONS

Grant funds may be used for personnel, equipment, consumable supplies, domestic travel, consultants and guest lecturers, rental of space,

renovation, and other costs directly related to the project described in the approved application. Grant funds may not be used for construction of facilities, acquisition of land, foreign travel, or support of students including fellowships, stipends, tuition, fees, travel allowances, etc.

CONTACT AGENCY

Associate Regional health director for manpower of the Health Education and Welfare Regional Offices (Appendix A).



### USE AND RESTRICTIONS

These grants may be used for support of faculty, supporting staff equipment, and other costs of maintaining a teaching program in public health, or providing specialized consultative services and technical assistance to state and/or local public health programs. These grants may not be used for: (1) construction, (2) international travel, (3) stipends, (4) tuition, (5) fees, or (6) travel expenses of students.

### CONTACT AGENCY

Associate Regional health director for manpower of the respective Department of Health, Education and Welfare regional office (Appendix A).

PROFESSIONAL PUBLIC HEALTH PERSONNEL - TRAINEESHIPS

AUTHORIZATION

Public Health Service Act, Section 306(a), as amended; Public Law 78-410; Public Health Service Act Amendments; Public Law 91-208; 42 U.S.C. 242g(c).

OBJECTIVES

To increase the supply of qualified public health manpower, bring additional health personnel into public health, and increase public health contribution of professional health personnel through student financial assistance.

TYPES OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 - \$8,400,000

Average Grant:

Short-term                      \$15,000

Long-term                        \$50,000

Grant Range:

Short-term      \$756 to \$62,000

Long-term      \$130 to \$300,000

ELIGIBILITY

Applicant - Agencies, institutions and organizations that offer graduate or specialized training in public health.

Beneficiary - Individuals who have completed their basic professional education and whose skills are needed in modern public health practice such as physicians, nurses, engineers, sanitarians, health educators, dentists, statisticians, medical social workers, nutritionists, and others.

USE AND RESTRICTIONS

This program primarily provides short term traineeship support in special programs of continuing education in community and environmental health, and long-term support of students taking past-professional academic training in health services organization and delivery. Funds are limited to tuition, fees, and stipends for students; dependency and transportation allowances.

CONTACT AGENCY

Associate Regional Director for Manpower of Health, Education, and Welfare Regional Offices. (Appendix A).

**RADIATION**



Beneficiary - A student must be a citizen of the United States and must be accepted for enrollment as a degree candidate in the radiological health training curriculum of a university or other educational institution participating in the program.

#### USE AND RESTRICTIONS

This is a national training and manpower development program which provides grant assistance to educational institutions primarily for the formal graduate training of persons having basic degrees in physics, chemistry, biology, engineering or other related disciplines. Grant funds are used to strengthen and extend programs of basic instruction, to add to the faculty and its supporting staff, to secure equipment, and to encourage greater enrollment by providing fellowships including tuition, fees, and monthly allowances to qualified students preparing for careers in radiological health.

#### CONTACT AGENCY

Environmental Protection Agency Interim Regional Coordinator  
(Appendix A).

NUCLEAR EDUCATION AND TRAINING

MEDICAL RADIOISOTOPE COURSE

AUTHORIZATION

Atomic Energy Act of 1954, as amended, section 31(a) and (b);  
Public Law 83-703; 68 Statutes 919; 42 U.S.C. 2051.

OBJECTIVES

To provide physicians with background and experience in the  
safe and proper use of radioisotopes in medical applications.

TYPE OF ASSISTANCE

Training

FUNDS AVAILABLE

Federal Obligations- fiscal year 1972 \_ \$70,000.  
Grant Range and Average are not applicable. Fee Schedule - \$50  
registration fee for employees of state and local governments,  
university personnel including faculty, medical interns,  
residents and fellows, and domestic nonprofit organizations;  
\$200 per course week for employees of Federal agencies and Federal  
cost-type contractors; \$400 per course week for physicians in  
private practice and participants from profit making organizations.

ELIGIBILITY

Must be physician who has need for knowledge of use of radioisotopes  
in medicine.

USE AND RESTRICTIONS

Course is given several times a year at the Special Training Division, Oak Ridge Associated Universities, at Oak Ridge, Tennessee, and is designed for physicians.

CONTACT AGENCY

Special Training Division, Oak Ridge Associated Universities,  
Post Office Box 117, Oak Ridge, Tennessee 37830.

NUCLEAR EDUCATION AND TRAINING  
NUCLEAR MEDICAL TECHNOLOGY COURSE

AUTHORIZATION

Atomic Energy Act of 1954, as amended, section 31(a) and (b);  
Public Law 83-703; 68 Statutes 919, 42 U.S.C. 2051.

OBJECTIVES

To provide competence in nuclear medical technicians through intensive training and experience in basic medical nuclear physics, nuclear medical instrumentation, and diagnostic radioisotope procedures.

TYPE OF ASSISTANCE

Training

FUNDS AVAILABLE

Federal Obligations, Grant Range and Average are not applicable.  
Fee schedule: \$50 registration fee for employees of state and local government, university personnel, and domestic nonprofit organizations; \$200 per course week for employees of Federal agencies and Federal cost-type contractors; and \$400 per course week for participants from profit-making organizations.

ELIGIBILITY

Experience in basic nuclear medical technology plus recommendation from supervising physician.

USE AND RESTRICTIONS

Course is given several times a year at the Special Training Division, Oak Ridge Associated Universities, Oak Ridge, Tennessee. Attendance at course limited to those with basic nuclear medical technology experience. Physician responsible for applicant's work must recommend.

CONTACT AGENCY

Special Training Division, Oak Ridge Associated Universities,  
Post Office Box 117, Oak Ridge, Tennessee 37830.

RADIATION CONTROL - TRAINING  
ASSISTANCE AND ADVISORY COUNSELING

AUTHORIZATION

Atomic Energy Act of 1954, as amended, section 274; Public Law 86-373; 73 Statutes 688; 142 U.S.C. 2021.

OBJECTIVES

To assist states to achieve, maintain, and improve their capabilities to conduct radiation control programs, so as to assure that state programs established through agreements with AEC for transfer of certain AEC regulatory authority over atomic energy materials to the states will continue to be adequate to protect health and safety compatible with AEC's regulatory program.

TYPE OF ASSISTANCE

Training; advisory services and counseling; dissemination of technical information

FUNDS AVAILABLE

Federal Obligations- fiscal year 1972 - \$1,000,000  
Grant Range, Average and Sharing Ratios are not applicable.

ELIGIBILITY

Applicant - State and local government agencies which are or will be responsible for administering radiation control programs under an agreement with AEC for assumption by the state of regulatory authority initially exercised by AEC.

Beneficiary - Personnel nominated by state and local government agencies for specific training courses must have academic training or experience in one of the physical or life sciences equivalent to a bachelor's degree.

USE AND RESTRICTIONS

Training is provided at no cost to personnel of state and local governments in order to improve the radiological health training of staff members responsible for carrying out radiation control programs. Courses and counseling are provided in health physics and radiation protection, safety aspects of using radioactive materials, regulatory practices and procedures, and compliance inspection. States may also request reimbursement of their expenses incurred in AEC approved training activities.

CONTACT AGENCY

Director, Division of State and Licensee Relations, U.S. Atomic Energy Commission, Washington, D.C. 20545.

GRANTS FOR GENERAL MEDICAL TRAINING

GENERAL MEDICAL SCIENCES-

TRAINING GRANTS

AUTHORIZATION

Public Health Service Act, Section 301(d); Public Law 87-838;  
42 U.S.C.241.

OBJECTIVES

To aid the development of trained scientific manpower required as faculty in the Nation's medical schools, and to ensure continuing productivity in key fundamental and clinical fields of investigation basic to medicine and health.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations-	fiscal year 1972 - \$38,385,000
Grant Range	\$35,000 to \$425,000
Average Grant	\$81,700

ELIGIBILITY

Must be public or other nonprofit institution capable of conducting a scientifically meritorious program of training in health-related research. Applications must be favorably recommended by an appropriate research training review committee and by the Institute's National Advisory Council. Such assessment is based on merit of the scientific research, research training capability, program relevance and consonance with public policy.

#### USE AND RESTRICTIONS

Research training grants are awarded to eligible institutions, each in the name of a training program director. Funds are used to help provide the necessary biomedical training environment, including personnel, equipment, supplies, travel, etc., and to provide tuition and stipend support for individual trainees. Responsibilities of grantees and restrictions on the use of funds are cited in detail in the Public Health Service's "policy statement" on grants for training projects, available from the National Institutes of Health, Division of Research Grants, Bethesda, Maryland 20014.

#### CONTACT AGENCY

Research Training Grants Branch, National Institute of General Medical Sciences, National Institutes of Health, Department of Health, Education, and Welfare, Bethesda, Maryland 20014.

EDUCATION AND TRAINING OF HEALTH SERVICE PERSONNEL

(RESIDENCY AND OTHER TRAINING)

AUTHORIZATION

"Medical Omnibus" Law-Veterans Hospitalization and Medical Services Modernization Amendments of 1966, Title I, section 101, 38 U.S.C. 4101(b); 38 U.S.C. 4114(b).

OBJECTIVES

To provide health services training in VA hospitals and clinics in cooperation with medical schools, dental schools, osteopathic schools, nursing schools, other institutions of higher learning, medical centers, hospitals, and other public or nonprofit bodies.

TYPE OF ASSISTANCE

Training; direct payments for specified uses

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 - \$108,881,000

From zero base (most students receive no stipends) to approximate average of \$10,000 a year for medical and dental resident stipends.

ELIGIBILITY

Applicant - Medical education and health institutions, as indicated under "objectives".

Beneficiary - Trainees must be enrolled students of qualifying institutions. In a few disciplines, the VA hospital itself is the school in cooperation with professional organizations.

USE AND RESTRICTIONS

Academic and other institutions in medical and allied health education frequently need resources for student clinical training such as a patient population, laboratories, clinical teachers, etc. This is provided them by the Veterans Administration through this program.

CONTACT AGENCY

Director of VA hospital with which the cooperating institution desires a training accommodation for its students (Local or nearest VA hospital listed in appendix).

HEALTH SERVICES RESEARCH AND DEVELOPMENT-  
FELLOWSHIPS AND TRAINING

AUTHORIZATION

Public Health Service Act, as amended, Section 301 and 304; Public Law 78-410 and Public Law 90-174; 42 U.S.C. 241 and 242b.

OBJECTIVES

To establish, improve, or expand programs designed to train investigators in methods and techniques of conducting health services research and to raise the level of competence and increase the number of individuals engaged in research.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 -	\$5,000,000
Grant Range	\$5,000 to \$175,000
Average Grant	\$75,000

ELIGIBILITY

Nonprofit institutions, such as universities and colleges, hospitals, state and local health departments, and other public or nonprofit private agencies, institutions, or organizations. Profit making organizations are not eligible.

#### USE AND RESTRICTIONS

Grants may include funds for direct costs necessary to carry out an approved training program, as well as an indirect cost allowance of eight percent of allowable direct costs. Unallowable costs, as well as those for which prior written approval is required, are indicated in the policy statement contained in application kits. Fellowship awards provide stipend support, dependency allowances, and tuition and supply allowances.

#### CONTACT AGENCY

Director, National Center for Health Services Research and Development, Health Services and Mental Health Administration, Department of Health, Education, and Welfare, Rockville, Maryland, 20852.

ALLIED HEALTH PROFESSIONS  
TRAINEESHIP GRANTS FOR ADVANCED TRAINING

AUTHORIZATION

Public Health Service Act, Title VII, Part G, as amended; Public Law 78-410; Allied Health Professions Personnel Training Act of 1966, as amended; Public Law 89-751; Health Manpower Act of 1968, Public Law 90-490; Health Training Improvement Act of 1970; Public Law 91-519; 42 U.S.C. 295h-2.

OBJECTIVES

To provide financial assistance to students who have completed the basic professional preparation required for employment in one of the eligible disciplines and are pursuing advanced training to qualify them for positions as teachers, supervisors, administrators, or specialists.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 - \$3,750,000

Average amount per trainee for Allied Health Advanced Traineeship approximately \$4,000.

Average amount per Allied Health Advanced Training Institute trainee approximately \$500.

Sharing Ratio - not applicable.

### ELIGIBILITY

Applicant - Public or nonprofit private agencies, organizations, or institutions.

Beneficiary - Allied Health Advance Traineeships: a trainee must be a full-time student who has completed basic professional training in an allied health profession, and who plans to use the training in a career in his professional field, as a teacher, supervisor, administrator, or specialist, but not in research. Allied Health Advanced Training Institutes Traineeships: a trainee must be an allied health worker who has completed basic professional preparation for employment in one of the health disciplines.

### USE AND RESTRICTIONS

Allied Health Advanced Traineeships - Funds are limited to tuition fees, stipends, dependency, and transportation allowances for trainees enrolled in programs of at least one academic year of duration.

Allied Health Advanced Training Institute Traineeships - Funds are limited to tuition, fees, stipends, dependency, and transportation allowances for trainees enrolled in programs ranging from 2 1/2 days to less than one academic year's duration.

### CONTACT AGENCY

Associate regional health director for manpower of the Department of Health, Education, and Welfare regional office (Appendix A).

ALLIED HEALTH PROFESSIONS

BASIC IMPROVEMENT GRANTS

AUTHORIZATION

Public Health Service Act, Title III, Part G, as amended, Section 792; Public Law 78-410; Allied Health Professions Personnel Training Act of 1966; Public Law 89-751; Health Manpower Act of 1968; Public Law 90-490; Health Training Improvement Act of 1970; Public Law 91-519, 42 U.S.C. 295-h-1.

OBJECTIVES

To increase the opportunities for training and to improve the educational programs that prepare students in medical technology, optometric technology, dental hygiene, and the other allied health professions designated by the Secretary as eligible for support.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 - \$10,000,000

Grant Range \$9,728 to \$177,697

Average Grant \$27,500

Sharing Ratio - The formula amount is equal to \$5,000 multiplied by the number of curriculums for which support is awarded, plus \$500 multiplied by the number of full-time students receiving training in the professional or technical component of such curriculums. No matching requirement.

### ELIGIBILITY

Junior colleges, colleges, and universities which meet the requirements of an allied health "training center" as specified in the authorizing legislation.

### USE AND RESTRICTIONS

Grant funds may be used for any purpose to improve the professional or technical component of those educational programs for which the grant is awarded.

Grant funds may not be expended for (1) construction (as defined in section 795(4) of the Public Health Service Act, as amended); (2) research; (3) research training; (4) student assistance; (5) patient care; or (6) operation of hospitals.

### CONTACT AGENCY

Associate regional health director for manpower in the Department of Health, Education, and Welfare regional office (Appendix A).

ALLIED HEALTH PROFESSIONS SPECIAL PROJECT GRANTS

AUTHORIZATION

Public Health Service Act, Title III, Part G, as amended, Section 792, Public Law 78-410; Health Training Improvement Act of 1970, Public Law 91-519; 42 U.S.C. 295 h-1.

OBJECTIVES

To plan, establish, develop, demonstrate, or evaluate programs, methods, or techniques for training of allied health personnel.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 -	\$14,745,000
Grant Range	\$5,000 to \$2,000,000
Average Grant	\$125,000

ELIGIBILITY

Public or nonprofit private agencies, organizations, and institutions.

USE AND RESTRICTIONS

Grant funds must be used solely for the purposes described in the approved application. Grant funds may not be used for (1) financial assistance to students, (2) patient care or other service operations of hospitals, (3) research (except for research regarding the educational process as it relates to the various allied health

professions; e.g., to improve the quality of education and shorten the time for the formal education course, to develop new teaching techniques, and to develop methods of evaluating the educational program), (4) construction.

CONTACT AGENCY

Associate regional health director for manpower in the Department of Health, Education, and Welfare Regional Office (Appendix A).

NATIONAL FUND FOR MEDICAL EDUCATION

(TRAINING GRANTS-IN-AID)

OBJECTIVES

To strengthen the nation's ability to survive by training corps of skilled men and women to care for the people's health and medical needs; to interpret the needs of medical education; to encourage the development and advancement of improving standards of medical education.

TYPE OF ASSISTANCE

Grants-in-aid to support programs in medical education, in the following two general areas:

1. Programs in medical education which are innovative or experimental, which are broad in concept and may be adapted to other schools, and which bid well to improve the effectiveness and the efficiency of medical education.
2. Programs in medical education which will either increase the number of graduates through increases in size of entering classes or decreases in the attrition rate, or will broaden the base from which medical students are drawn, with particular reference to disadvantaged groups.

FUNDS AVAILABLE

Grants vary in amount but usually do not exceed \$60,000 for a one or two-year period. Total grants allocated in 1970 equal \$818,598.

ELIGIBILITY

Any school of medicine in the United States which is a member of the American Association of Medical Colleges or has received its "Letter of Reasonable Assurance" is eligible to apply.

DEADLINE - DURATION

Applications should be received by September 14. Grants are awarded for one or two years.

CONTACT AGENCY

Howard Corning, Jr., Executive Director, National Fund for Medical Education, 2 West 46th Street, New York, New York 10036.

TRAINING GRANTS NOT OTHERWISE CLASSIFIED

ALLERGY AND INFECTIOUS DISEASES-  
TRAINING GRANTS

AUTHORIZATION

Public Health Service Act, Sections 202 and 301(d); 42 U.S.C. 241.

OBJECTIVES

To assist public and other nonprofit institutions in establishing, expanding, or improving training opportunities for individuals interested in careers in research training, administration, and services in areas of scientific concern to the National Institute of Allergy and Infectious Diseases.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 - \$7,280,000

Grant Range \$514 to \$202,000

Average Grant \$55,000

Sharing Ratio - Not applicable

ELIGIBILITY

Applicant - Universities, hospitals, laboratories, and other public or private nonprofit institutions.

Beneficiary - Promising young scientists in allergy and infectious diseases research.

USE AND RESTRICTIONS

Projects must exhibit scientific excellence and be relevant to National Institute of Allergy and Infectious Diseases program goals. Grantee agrees to administer grant in accordance with policies governing training grants program in effect at time of award.

Training projects support allowable direct cost expenditures incident to their performance, plus the allocable portion of allowable indirect costs of the institutions.

CONTACT AGENCY

Grants Management and Operations Branch, National Institute of Allergy and Infectious Diseases, National Institutes of Health, Bethesda, Maryland 20015.

DISEASE CONTROL TRAINING-PUBLIC HEALTH WORKERS

AUTHORIZATION

Public Health Service Act, as amended, Section 311; 42 U.S.C. 243.

OBJECTIVES

To assist the states in developing and improving their own training programs in the area of preventive disease control. To provide training and various other services which are not available to health groups through their own resources.

TYPE OF ASSISTANCE

Training; Advisory Service and Counseling

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 - \$1,730,400

There are no matching requirements as such; however, states are required to furnish training space and equipment and to provide the cost for local speakers when courses are conducted within a state.

ELIGIBILITY

State and community health departments. Trainees must function in a capacity relevant to the training being offered.

USE AND RESTRICTIONS

Consultation provided by the training initially involved. Organizational and operational analyses designed to identify problems which can be solved through training. The program makes specific

recommendations in planning (determining planning objectives), implementation (designing the training activity) and evaluation (measuring the effectiveness of the training activity). Training provided is restricted only to those persons who are directly or indirectly related to the delivery of public health services, the student population health professionals, subprofessionals, and infiltratory health workers.

CONTACT AGENCY

Chief, Center for Disease Control Services, Department of Health, Education and Welfare, Regional Office (Appendix A).

ENVIRONMENTAL HEALTH SCIENCES-  
TRAINING GRANTS

AUTHORIZATION

Public Health Service Act of 1944, as amended, section 301(d); 42 U.S.C. 241.

OBJECTIVES

To establish, expand, and support graduate training programs in environmental health sciences at qualified universities and other institutions of higher education.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 -	\$2,843,000
Grant Range	\$25,000 to \$200,000
Average Grant	\$72,000

ELIGIBILITY

A university, college, hospital, public agency, or nonprofit research institution may submit an application for the support of a research training program under the guidance of a named program director.

USE AND RESTRICTIONS

Funds are made available to the institutions and may be used both for administrative expenses and for student expenses. Graduate training grants are intended to support the direct costs of a training program

(including stipendary support to be named pre and postbaccalaureate trainees) plus indirect costs, currently limited to eight percent of direct costs.

CONTACT AGENCY

Associate Director for Extramural Programs, National Institute of Environmental Health Sciences, Post Office Box 12233, Research Triangle Park, North Carolina 27709.

EYE RESEARCH - TRAINING GRANTS

AUTHORIZATION

Public Health Service Act as amended, Section 301(d); Public Law 90-489; 42 U.S.C. 241.

OBJECTIVES

To establish, expand, or improve training opportunities for individuals interested in careers in research, teaching, administration, and services in the visual sensory fields.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations-	fiscal year 1972 - \$2,225,000
Grant Range	\$9,200 to \$185,000
Average Grant	\$70,000

ELIGIBILITY

Public and other nonprofit scientific research institutions are eligible to apply for training grants to enable them to develop, expand, and improve training programs in the visual sciences.

The grantee institution is responsible for the selection of trainees who meet the requirements of the institution and of the National Institutes of Health.

USE AND RESTRICTIONS

The grantee must agree to administer the grant in accordance with the governing Public Health Service regulations and policies in effect at

the time of the award. The grantee assumes responsibility for fiscal and administrative management and fulfillment of any special conditions which may be prescribed for the conduct of the project. Training grants may include funds for equipment, personnel, stipends and other costs to expand or improve an existing program or to establish a new program.

CONTACT AGENCY

Grants Management Officer, National Eye Institute, National Institutes of Health, Bethesda, Maryland 20014.

FOOD RESEARCH TRAINING GRANTS

AUTHORIZATION

Public Health Service Act, section 309(a); 42 U.S.C. 242g.

OBJECTIVES

This extramural training support program provides training grant funds to assist nonprofit institutions to train students at the master and Ph.D. degree levels in research techniques applicable and relevant to food science and technology.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 -	\$315,000
Grant Range	\$20,000 to \$50,000
Average Grant	\$31,000

ELIGIBILITY

Colleges and universities having schools or departments of food science and technology or closely related training may apply for support of costs directly related to the training proposed.

USE AND RESTRICTIONS

Support is provided to nonprofit institutions through training grants to enable them to establish, expand, or improve training opportunities for individuals interested in careers in research, teaching, and administration in the food science and technology fields. Funds may

be used for expenses necessary to carry out the approved research training, such as salaries or portions of salaries of professionals and non-professional personnel, supplies, equipment, travel related to the training, and stipends, tuition, and fees for the students.

CONTACT AGENCY

Office of Research and Training Grants, ACS; Food and Drug Administration;  
CS-50; 5600 Fishers Lane, Rockville, Maryland 20852.

HEART AND LUNG RESEARCH -

GRADUATE TRAINING GRANTS

AUTHORIZATION

National Heart Act, Public Law 80-655; Public Health Service Act, as amended, Section 301(c) and (d); 42 U.S.C. 241, 287-287c.

OBJECTIVES

To support the training of research specialists in cardiovascular, pulmonary, and renal diseases.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 - \$11,436,000

Grant Range \$10,000 to \$250,000

Average Grant \$60,000

ELIGIBILITY

Any organization with approved graduate courses in health-related science may apply.

USE AND RESTRICTIONS

To support training staff, trainee, stipends, supplies, equipment, and travel as necessary to accomplish objectives of training program. Restricted to costs essential for program as outlined in approved budget.

CONTACT AGENCY

Associate Director for Extramural Research and Training, National Heart and Lung Institute, National Institutes of Health, Bethesda, Maryland, 20014.

## OCCUPATIONAL HEALTH TRAINING GRANTS

### AUTHORIZATION

Public Health Service Act, as amended, sections 301 and 311; 42 U.S.C. 242 D and G; Public Law 91-173, Coal Mine Health and Safety Act of 1969, Section 502(a); Public Law 91-596, Occupational Safety and Health Act of 1970, section 21.

### OBJECTIVES

For training programs to be conducted in occupational health problems and solution techniques to develop specialized professional personnel.

### TYPE OF ASSISTANCE

Project Grants

### FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 - \$1,900,000  
Grant Range \$10,000 to \$101,000  
Average Grant \$50,000  
Sharing Ratio - Not applicable

### ELIGIBILITY

Any public or private nonprofit making institution or agency. Individuals to be trained could include state and local health agency personnel, sanitarians, and other professionals. They would apply directly to the grantee.

### USE AND RESTRICTIONS

For the allowable direct cost expenditures incident to the program, plus the allocable portion of allowable indirect cost of the institution,

determined by Public Health Service policy on training programs, amounts of stipends and other details are in accordance with Public Health Service policy.

It cannot be awarded to a profitmaking organization. Full restrictions are contained in "Grants for Training Projects - Policy Statement", Public Health Service pamphlet, available on request.

CONTACT AGENCY

Department of Health, Education, and Welfare Regional office (Appendix A).

AMERICAN PHYSICAL THERAPY ASSOCIATION

(APTA-RSA GRADUATE STUDY TRAINEESHIPS FOR PHYSICAL THERAPISTS)

OBJECTIVES

To increase the number of physical therapists who are qualified by experience and graduate education for subsequent work in administration, supervision, consultation, teaching, research, or additional clinical responsibilities in physical therapy.

TYPE OF ASSISTANCE

Traineeships to pursue a master's or doctoral degree program in physical therapy.

FUNDS AVAILABLE

Traineeships include full tuition, fees and a stipend which varies according to the level of study with \$2,400 for the academic year plus \$800 for the summer session provided trainees enrolled in the master's program. Trainees pursuing the doctoral degree receive \$2,400 for the first academic year of study, \$3,200 for the second, and \$3,400 for the third year, with summer session stipends of \$800, \$1,050, and \$1,150 available for the first, second, and third years of support, respectively.

ELIGIBILITY

United States citizens or permanent residents who have been accepted in appropriate full-time graduate degree programs at accredited colleges or universities may apply if they have had professional preparation in physical therapy with a minimum of two years of

experience in the clinical aspects of physical therapy. Applicants with less than two years of physical therapy experience may be considered on an individual basis. Recipients of other federal educational benefits are not eligible to apply.

DEADLINE - DURATION

Application materials must be received by May 1 for review during June with supported study to begin at some time before June 1 of the following year. Traineeships are awarded for periods of up to one calendar year with extensions possible. However, support is not available for more than four years in the same course of study.

CONTACT AGENCY

American Physical Therapy Association, 1156 Fifteenth Street, N.W.,  
Washington, D.C. 20005.

RADIOLOGICAL HEALTH TRAINING GRANTS

AUTHORIZATION

Public Health Service Act, as amended, especially sections 301 and 311, Public Law 89-749; Radiation Control for Health and Safety Act of 1968, Public Law 90-602; 42 U.S.C. 241, 243, 264.

OBJECTIVES

To support and stimulate training of Radiological Health Specialists and Technicians which will provide the necessary manpower capabilities to fulfill staffing requirements for radiation protection of the public.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 - \$1,200,000

Grant Range \$10,000 to \$125,000

Average Grant \$25,000

Sharing Ratio - not applicable

ELIGIBILITY

Applicant - any public or non-profit university or other educational institution offering core study programs in radiological health, or planning to develop such programs, is eligible to apply. The principles and practices of radiation protection of the public and of individuals must be emphasized in the curriculum. Individuals to be trained apply directly to the grantee.

Beneficiary - a student must be a citizen of the United States and must be accepted for enrollment as a degree candidate in the radiological health training curriculum of a university or other educational institution participating in the program.

#### USE AND RESTRICTIONS

This is a national training and manpower development program which provides grant assistance to educational institutions primarily for the formal graduate training of persons having basic degrees in physics, chemistry, biology, engineering, or other related disciplines. Grant funds are used to strengthen and extend programs of basic instruction, to add to the faculty and its supporting staff, to secure equipment, to encourage greater enrollment by providing fellowships, including tuition, fees, and monthly allowances to qualified students preparing for careers in radiological health.

Full support is provided for the training project. The allowable costs are determined by Public Health Service policy on training projects contained in "Public Health Service - Grants for Training Projects - Policy Statement" available upon request. It cannot be awarded to a profit-making organization. Complete restrictions are stated in the above pamphlet.

#### CONTACT AGENCY

Regional Director for Radiological Health Programs, Department of Health, Education, and Welfare Regional Office (Appendix A).

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ALLERGY

ALLERGY AND INFECTIOUS DISEASES-  
FELLOWSHIPS AND RESEARCH CAREER DEVELOPMENT AWARDS

AUTHORIZATION

Public Health Service Act, Sections 202 and 301(c); 42 U.S.C. 241.

OBJECTIVES

Fellowships are awarded to promote training for research in areas of scientific concern to the National Institute of Allergy and Infectious Diseases, including allergy, immunology, parasitology, and other fields. Research career development awards support the development of young scientists with outstanding research potential.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 - \$3,334,000  
Grant Range \$7,739 to \$19,035  
Average Grant \$14,667  
Sharing Ratio - Not Applicable

ELIGIBILITY

Applicant is evaluated in terms of his potential for research. Applicant is reviewed initially by consultants from the academic community who evaluate the scientific merit of the proposed training situation. Recommendation of this committee is considered by awarding unit when selecting awardees.

For fellowships, the award candidate applies. For research career development awards, the institution makes application on behalf of the candidate.

#### USE AND RESTRICTIONS

Project must exhibit scientific excellence and be relevant to the National Institute of Allergy and Infectious Diseases program goals. Postdoctoral and special candidates must arrange for admission to an appropriate sponsoring institution and for acceptance by a sponsor who will supervise their training.

Fellowships support allowable stipend and salary requirements of the awardee. Career development awards provide a stipend only.

#### CONTACT AGENCY

Grants Management and Operations Branch, National Institute of Allergy and Infectious Diseases, National Institutes of Health, Bethesda, Maryland 20015.

ALLERGY FOUNDATION OF AMERICA

(FELLOWSHIPS)

OBJECTIVES

To increase the number of trained allergists, recruit medical students into the allergy field and promote the teaching of allergies in medical schools.

TYPE OF ASSISTANCE

Postdoctoral fellowships for clinical training in the area of allergy and scholarships to support medical students interested in the allergy field.

FUNDS AVAILABLE

Fellowships carry annual stipends of \$8,300 in the first year and \$8,900 in the second year, while scholarships are in the amount of \$750 per quarter.

ELIGIBILITY

Graduates of approved medical schools who have completed at least two years of hospital internship training may apply for postdoctoral fellowships. Medical students who have completed two or three years of study at an approved medical school may be nominated for scholarship support by the Dean of their medical school.

DEADLINE - DURATION

Applications for postdoctoral fellowships may be submitted at any time. However, applications for summer scholarships normally must be submitted during March. Postdoctoral fellowships are tenable for

a total period of two years. Scholarships are short-term in nature, usually providing support for a summer quarter of study.

CONTACT AGENCY

Chairman, Scientific and Educational Council, Allergy Foundation of America, 801 Second Avenue, New York, New York 10017.

ARTHRITIS



USE AND RESTRICTIONS

Individual stipend, tuition cost, supply allowance to institution.

Awards are not made for purpose of clinical training.

CONTACT AGENCY

Fellowships Officer, Extramural Programs, Room 605A Westwood  
Building, National Institute of Arthritis and Metabolic Diseases,  
National Institutes of Health, Bethesda, Maryland 20014.

THE ARTHRITIS FOUNDATION  
(POSTDOCTORAL FELLOWSHIPS)

OBJECTIVES

To advance the training of promising young men and women for investigative or clinical teaching careers in fields related to arthritis.

TYPE OF ASSISTANCE

Postdoctoral fellowships for training in the basic sciences and clinical disciplines related to arthritis. Fellowship support is intended for advanced training rather than specific research projects.

FUNDS AVAILABLE

Fellowships carry a stipend of \$7,000 per annum plus \$500 for each dependent, with annual increments to a maximum of \$10,000, including dependency allowances.

ELIGIBILITY

Qualified individuals holding an M.D. or Ph.D. degree (or the equivalent) are eligible to apply. United States citizenship is not a requirement; however, noncitizens will not be supported for work in countries other than the United States.

DEADLINE - DURATION

Applications should be submitted by September 1. Fellowships are initially awarded for one year with the possibility of renewal for two additional years.

CONTACT AGENCY

Medical Director, The Arthritis Foundation, 1212 Avenue of the  
Americas, New York, New York 10036.

CANCER

CANCER RESEARCH - FELLOWSHIPS

AUTHORIZATION

Public Health Service Act, as amended; Public Law 78-410; Title III, Section 301, Title IV, Part A, Sections 401-402; 42 U.S.C. 241, 281-282.

OBJECTIVES

To promote postdoctoral training for research in the health sciences of importance to the cancer problem.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 -	\$1,497,000
Grant Range	\$6,000 to \$25,000
Average Grant	\$9,000

ELIGIBILITY

Must be an American citizen (or permanent residency status) with a doctoral degree or the equivalent in the biomedical sciences.

USE AND RESTRICTIONS

Fellow must be in training and an investigator in cancer research. Cannot be used for employment or staffing; travel; for the research and writing of books; to acquire M.D., D.D.S., D.O., etc;) for part-time or summer work; or for any training activity which does not have a large research component.

CONTACT AGENCY

Special Programs Branch, Extramural Activities, National Cancer  
Institute, Bethesda, Maryland 20014.

INTERNATIONAL AGENCY FOR RESEARCH ON CANCER

(RESEARCH TRAINING FELLOWSHIPS)

TYPE OF ASSISTANCE

Fellowships on postdoctoral training abroad in any aspect of laboratory and clinical cancer research, with particular interest in epidemiology, biostatistics, and all aspects of environmental biology.

FUNDS AVAILABLE

Stipends, to cover the cost of room, board, and incidental expenses, vary according to the cost of living in the country of study. The cost of travel for the applicant and, in certain circumstances, that of spouse and children, will be met. Host institutions may apply for a grant of up to \$500 towards the expense of a fellow's research program.

ELIGIBILITY

Junior scientists with less than five years postdoctoral experience in medicine or natural sciences, who are actively engaged in research in medical or allied sciences, and who wish to pursue a career in cancer research are eligible to apply. Fellowships are tenable in a suitable institution abroad; applicants must have adequate knowledge of the language of the country in which the fellowship is tenable.

DEADLINE - DURATION

Applications must reach the agency no later than February 29, 1972. Fellowships are tenable for one year.

CONTACT AGENCY

International Agency for Research on Cancer, 16, avenue Marechal-  
Foch, 69 Lyon 6<sup>e</sup>, France.

INTERNATIONAL AGENCY FOR RESEARCH ON CANCER

(TRAVEL FELLOWSHIPS)

TYPE OF ASSISTANCE

Fellowships to enable established cancer research workers to spend periods of up to three months consulting, studying, or working in one or more institutions in other countries.

FUNDS AVAILABLE

Fellowships cover the cost of travel to approved centers and an appropriate allowance towards the cost of accommodation and other incidental expenses.

ELIGIBILITY

Applicants must be actively engaged in cancer research and should be qualified in medical or natural sciences, and in particular should be on the staff of a university or research institution to which they will return at the end of the fellowship period. Proposed visits should have specific objectives, justifying travel that may include consultation, collaborative planning of research projects, and the acquisition and standardization of new research techniques. Fellows must have an adequate knowledge, both written and spoken, of the language of the country they propose to visit. Consideration will also be given to applications from institutions or universities wishing to invite foreign scientists for specific and limited research consultation.

DEADLINE - DURATION

Applications must be received by January 31, April 30, August 31, and November 30 for review in February, May, September, and December, respectively. Fellowships are awarded for a maximum period of three months.

CONTACT AGENCY

International Agency for Research on Cancer, 16, avenue Marechal-Foch, 69 Lyon 6<sup>e</sup>, France.

THE JACKSON LABORATORY  
(POSTDOCTORAL FELLOWSHIPS)

TYPE OF ASSISTANCE

Postdoctoral fellowships for cancer or behavior research.

FUNDS AVAILABLE

Annual stipends begin at \$6,000 and increase to \$7,500 at annual \$500 increments based on years of experience beyond the doctoral degree. An annual allowance of \$500 per dependent is also provided. It is expected that \$3,600 of the total stipend and dependency allowance will continue to be tax-free. Funds are also available for research expenses and travel to scientific meetings.

ELIGIBILITY

Recent doctoral degree recipients who are United States citizens or foreign nationals with visas permitting permanent residence in the United States are eligible to apply. The proposed research must be in the fields of cancer or behavior.

DEADLINE

Applications may be submitted at any time but should be sent well in advance of the proposed dates for beginning the fellowship.

CONTACT AGENCY

The Assistant Director (Training), The Jackson Laboratory, Bar Harbor, Maine 04609.

THE JACKSON LABORATORY  
(PREDOCTORAL FELLOWSHIPS)

OBJECTIVES

To enable candidates for advanced degrees to complete their thesis requirements by conducting biomedical research at the Jackson Laboratory.

TYPE OF ASSISTANCE

Predoctoral fellowships for research relevant to the cancer problem.

FUNDS AVAILABLE

The annual stipend ranges from \$2,400 to \$2,800, depending upon the fellow's academic level. An annual allowance of \$500 per dependent and funds for equipment, supplies, and travel to scientific meetings is also provided. It is expected that \$3,600 of the total stipend and dependency allowance will continue to be tax-free.

ELIGIBILITY

Applicants must be officially enrolled in a university program leading to a master's or doctoral degree and must have substantially completed their course and residence requirements. Preference will be given to applicants who demonstrate a need for the special research facilities of the Jackson Laboratory.

DEADLINE

Applications may be submitted at any time but should be sent well in advance of the proposed dates for beginning the fellowship.

CONTACT AGENCY

The Assistant Director (Training), The Jackson Laboratory, Bar  
Harbor, Maine 04609.

DAMON RUNYON MEMORIAL FUND FOR CANCER RESEARCH, INC.

(RESEARCH FELLOWSHIPS)

OBJECTIVES

To train qualified and well-motivated physicians and scientists for future academic or research careers which will further the cause of cancer research.

TYPE OF ASSISTANCE

Postdoctoral fellowships for research training in such cancer-related areas as cell biology, chromosomes and cytogenetics, molecular biology, biochemistry, viruses, immunology, carcinogenesis, and radiation. Preference is given to nonclinical research training programs.

FUNDS AVAILABLE

Stipends are scaled to the salary schedule of the institution at which training is to be received, to a maximum of \$10,000 per year. No allowance is provided for dependents, retirement plans, social security, or other benefits. Travel expense for the applicant from his place of origin to the institution may be granted if requested at the time of application.

ELIGIBILITY

Qualified investigators who hold an M.D., Ph.D., or Sc.D. degree (or who have completed all requirements for such a degree) are eligible to apply. Fellowships may be awarded to United States citizens for study in the United States or abroad or to foreign

students who have been accepted for work in the United States. Preference is given to young investigators who have demonstrated unusual ability to conduct original and independent research.

DEADLINE - DURATION

Applications must be received by February 1, May 1, August 1, and November 1 for consideration in June, September, December, and March, respectively. Tenure of the fellowship is currently limited to two years.

CONTACT AGENCY

Research Department, Damon Runyon Memorial Fund for Cancer Research, Inc., 33 West 56th Street, New York, New York 10019.

AMERICAN CANCER SOCIETY, INC.  
(POSTDOCTORAL RESEARCH SCHOLARSHIPS)

OBJECTIVES

To speed the conquest of cancer by training and supporting personnel for cancer research.

TYPE OF ASSISTANCE

Scholarships to support postdoctoral preparation for careers in meaningful clinical investigation in the basic sciences. Awards are primarily intended for study in the United States; however, programs may be undertaken in other countries when training objectives can best be attained by so doing.

FUNDS AVAILABLE

Scholarships include stipends, travel allowances, institutional allowances of up to \$1,000 per year and tuition costs. Stipends vary in amount with the intent of providing an income commensurate with the awardee's experience and in line with the salary scale of the institution.

ELIGIBILITY

United States citizens (or individuals having legally declared intent to become citizens) who hold the M.D. or Ph.D. degree (or equivalent degree in the basic sciences) are eligible for support. Applicants with an M.D. degree must undertake training identical to a doctoral program in the life sciences.

DEADLINE - DURATION

Applications are considered at committee meetings held three times each year. Deadlines for receipt of completed materials to be reviewed at these meetings are January 1 (approved grants to be activated on approximately July 1), May 1 (approximate activation date of December 1) and September 1 (approximate activation of March 1). Applications should be submitted enough in advance of the deadline dates to allow sufficient time for staff preparation. Scholarships provide for up to five years of support and are not ordinarily renewable.

CONTACT AGENCY

The Research Department, American Cancer Society, Inc., 219 East 42nd Street, New York, New York 10017.

LEUKEMIA SOCIETY OF AMERICA, INC.

(FELLOWSHIP PROGRAM)

OBJECTIVES

To encourage all medically sound avenues of approach toward a cure or control of leukemia on a worldwide basis.

TYPE OF ASSISTANCE

Fellowships for postdoctoral research in leukemia or related fields.

FUNDS AVAILABLE

Fellowships are in the amount of \$9,000 for the first year of support and \$10,000 for the second year.

ELIGIBILITY

Younger investigators who hold a doctoral degree such as an M.D., Ph.D., or D.V.M. degree and have had two to four years of postdoctoral experience may apply if they have the sponsorship of an appropriate institution. Graduates of institutions from countries other than the United States who wish to train in the United States are eligible to apply.

DEADLINE - DURATION

Applications must be received before November 1 for grants to be activated July 1. Fellowships are awarded for one or two-year periods and are not renewable. Application may be made to the Society's Scholar Program, however, after at least one year of fellowship support.

CONTACT AGENCY

Joseph H. Burchenal, M.D., Vice-President for Medical and Scientific  
Affairs, Leukemia Society of America, Inc., 211 East 43rd Street,  
New York, New York 10017.

LEUKEMIA SOCIETY OF AMERICA, INC.

(SPECIAL FELLOWSHIP PROGRAM)

OBJECTIVES

To encourage all medically sound avenues of approach toward a cure or control of leukemia on a worldwide basis.

TYPE OF ASSISTANCE

Fellowships to support physicians undertaking research in leukemia and related fields.

FUNDS AVAILABLE

Fellowships are in the amount of \$15,000 for the first year and \$16,000 for the second year. Institutional grants of up to \$500 are also available.

ELIGIBILITY

Younger investigators who hold an M.D. degree and have had two to four years of postdoctoral experience may apply if they have the sponsorship of an appropriate institution. Graduates of institutions from countries other than the United States who wish to train in the United States are eligible to apply.

DEADLINE - DURATION

Applications must be received before November 1 for committee action in January on grants to be activated in July. Fellowships are awarded for one or two-year periods and are not renewable. Application may be made to the Society's Scholar Program, however, after at least one year of fellowship support.

CONTACT AGENCY

Joseph H. Burchenal, M.D., Vice-President for Medical and Scientific  
Affairs, Leukemia Society of America, Inc., 211 East 43rd Street, New  
York, New York 10017.

DENTISTRY

DENTAL RESEARCH - FELLOWSHIPS

AUTHORIZATION

Public Health Service Act, as amended, Part C, Section 422; Public Law 78-410; Public Law 80-755; 42 U.S.C. 288a.

OBJECTIVES

Fellowships are awarded to individuals to support their graduate research training. Because there is a critical shortage of dental clinical investigators, National Institute of Dental Research support primarily extends to this area. Research career development awards are made to an institution on behalf of a young investigator to further his development as an independent investigator.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations- fiscal year 1972 -	\$1,367,000
Grant Range	\$5,000 to \$28,000
Average Grant	\$14,000

ELIGIBILITY

Postdoctoral Fellowship: A doctoral degree. Special Fellowship: Experienced researchers or others requiring specialized research training. Research Career Development Award candidates must have at least three years of postdoctoral experience, have shown the potential for a career in independent research, and must be less

than 40 years old. In addition, applicants must either be citizens or noncitizen nationals of the United States or persons lawfully admitted to the United States for permanent residence.

#### USE AND RESTRICTIONS

Postdoctoral Fellowships: Individuals are eligible who have a doctorate degree and seek research training. If study in a clinical specialty is involved, training must be more extensive in length and content than typical residency requirements. Emphasis is placed on training in basic sciences and research methodology, as well as on individual research projects.

Special Fellowships: These are available to experienced researchers or to persons requiring specialized research training. A doctoral degree usually is required. Stipends are determined on an individual basis. Additional funds may include tuition, travel, and a supply allowance.

Research Career Development Awards: These are made to institutions on behalf of a qualified individual for a five-year period. The award may not be renewed. The sponsoring institution proposes the salary level, not exceeding \$25,000 per year. No funds are provided for indirect costs, fringe benefits, or other needs such as research support, travel, tuition, or training. Candidates must be less than 40 years of age before award can be made.

#### CONTACT AGENCY

Extramural Programs, National Institute of Dental Research, National Institutes of Health, Bethesda, Maryland 20014.

DENTAL HEALTH FELLOWSHIPS

AUTHORIZATION

Public Health Service Act as amended, Section 301(c); Public Law 78-410; 42 U.S.C. 241(c)

OBJECTIVES

To raise the level of competence and increase the number of individuals qualified to undertake research and provide training for research relating to dental public health. Research Career Development Awards are made to an institution on behalf of a young investigator to further his development as an independent investigator.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972:

Fellowships	\$100,000
Research Career Development Awards	\$50,000
Range of Fellowships	\$5,600 to \$18,000
Range of Research Career Development Awards	\$19,000 to \$25,000
Average of Fellowships	\$13,250
Average of Research Career Development Awards	\$22,000

ELIGIBILITY

Must either be citizens or noncitizen nationals of the United States, or persons lawfully admitted to the United States for permanent residence.

Applicants or postdoctoral fellowships must have a doctoral degree; applicants for a special fellowship must be experienced researchers or others requiring specialized research training. Research Career Development Award candidates must be less than 40 years old, have at least three years of postdoctoral experience, and have proven potential for a career in independent research.

#### USE AND RESTRICTIONS

Postdoctoral level fellowships are awarded to support full-time training for research in the health and health-related sciences. Special fellowships are awarded to afford scientists and clinicians the opportunity to broaden their scientific background or enlarge their command of an allied research field.

Research career development awards are intended to foster the development of young scientists with outstanding research potential for careers of independent research in the sciences related to health.

Research fellows are not awarded for training leading to the M.D., D.D.S., D.V.M., and D.O. or other applied science degrees. Fellowships may not be retained concurrently with another award which provides a stipend or otherwise duplicates the provisions of the National Institutes of Health Award.

#### CONTACT OFFICE

Prospective applicants should contact the institutions where the proposed training will be undertaken.

Research Grants Office, Division of Dental Health, National Institutes of Health, 9000 Rockville Pike, Bethesda, Maryland 20014.

AMERICAN FUND FOR DENTAL EDUCATION  
(DENTAL TEACHER TRAINING FELLOWSHIPS)

OBJECTIVES

To strengthen dental faculties through the establishment of graduate study fellowships for the training of dental school teachers.

TYPE OF ASSISTANCE

Fellowships to support advanced study for the training of dental school teachers with program emphasis on a two-year course leading to a master's degree.

FUNDS AVAILABLE

Fellowships include tuition costs, a stipend of \$6,000 and an allowance of \$500 for each dependent under nineteen years of age.

ELIGIBILITY

Applicants must be resident citizens of the United States, graduates of dental schools approved by the Council on Dental Education of the American Dental Association, and eligible for admission to a graduate dental education center in the United States.

DEADLINE - DURATION

Applications must be received by February 1 and supporting materials by March 1 for fellowships becoming tenable the following September. Fellowships are for one year of advanced study with renewal possible for the second year of a two-year course.

CONTACT AGENCY

American Fund for Dental Education, 211 East Chicago Avenue,  
Suite 1630, Chicago, Illinois 60611.

AMERICAN FUND FOR DENTAL EDUCATION  
(DENTAL SCHOLARSHIPS FOR DISADVANTAGED MINORITY STUDENTS)

OBJECTIVES

To recruit more minority Americans into the field of dentistry.

TYPE OF ASSISTANCE

Scholarships to support senior year pre-dental and graduate professional training in dentistry for disadvantaged American minority students.

FUNDS AVAILABLE

Each annual scholarship grant is for up to \$2,500 per year, depending on need, beginning with the final year of pre-dental study. A total of up to \$12,500 may be paid over a five-year period including the final year of pre-dental study and four years of dental school.

ELIGIBILITY

A disadvantaged minority student is here defined as a United States citizen from a minority group which is currently under-represented in the dental profession. This would include, in particular, Negroes, Mexican Americans, American Indians, and Puerto Ricans. All students selected to receive scholarships must attend a United States dental school which has been accredited by the American Dental Association. Disadvantaged minority undergraduate students may apply for an initial scholarship grant to enable them to complete their final year of pre-dental studies. During the first year of the scholarship, recipients must complete the minimum number of courses needed to apply for entrance to an approved dental school.

DEADLINE - DURATION

Applications must be filed by July 1 for scholarships to begin in September. Scholarships are renewable for a five-year period under normal progress.

CONTACT AGENCY

Mr. Paul E. Anderson, Assistant Executive Vice-President, American Fund for Dental Education, 211 East Chicago Avenue, Chicago, Illinois 60611.

AMERICAN DENTAL HYGIENISTS' ASSOCIATION

(SCHOLARSHIPS)

OBJECTIVES

To promote education of dental hygienists and dental hygiene teachers.

TYPES OF ASSISTANCE

Scholarships for certificate/associate-degree or bachelor's-degree study leading to certification as a dental hygienist, and scholarships for graduates of certificate/associate-degree dental hygiene programs who are enrolled as full-time students in programs leading to a bachelor's degree.

FUNDS AVAILABLE

Awards range from \$300 to \$2,000.

ELIGIBILITY

Students having completed one year of study in an accredited program of dental hygiene are eligible to apply.

DEADLINE - DURATION

Applications must be submitted by April 1 for study during the following academic year. Scholarships are awarded for a period of one academic year.

CONTACT AGENCY

American Dental Hygienists' Association, 211 East Chicago Avenue,  
Chicago, Illinois 60611.

EYES

EYE RESEARCH - FELLOWSHIPS

AUTHORIZATION

Public Health Service Act, as amended, Section 301(c); Public Law 90-489; 42 U.S.C. 241.

OBJECTIVES

To increase the number of teachers and scientists working full-time in the visual sciences.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 - \$876,000

Grant Range \$6,500 to \$37,000

Average Grant:

Award for postdoctoral and special fellowships \$10,000

Award for Research Career \$23,000

ELIGIBILITY

Must be citizens or nationals of the United States or have been lawfully admitted to the United States for permanent residence. Prior to formal application, the applicant must arrange for admission to an appropriate institution and acceptance by a sponsor who will supervise his training. Postdoctoral fellowships require a Ph.D., M.D., D.D.S., D.V.M., SC.D., D.Eng., or equivalent degree.

Special fellowships require a doctorate or equivalent degree and at least three subsequent years of relevant research or professional experience, or have completed residency requirements in a medical specialty, or have demonstrated to National Institutes of Health sufficient competence in his field to pursue the training programs.

#### USE AND RESTRICTIONS

Postdoctoral fellowships, special fellowships, and Research Career Development Awards are available. Postdoctoral fellowship stipend levels are based on relevant experience beyond the doctorate. If there is no relevant experience, the stipend is \$6,000 per 12-month period. For one year of experience, the stipend is \$6,500; if two or more years \$7,000. Special fellowship stipends are determined on an individual basis. Recipients of fellowships must pursue their research training on a full-time basis.

#### CONTACT AGENCY

Grants Management Officer, National Eye Institute, National Institutes of Health, Bethesda, Maryland 20014.

AMERICAN OPTOMETRIC FOUNDATION, INC.

(FELLOWSHIPS)

OBJECTIVES

To encourage careers in optometry.

TYPE OF ASSISTANCE

Fellowships for graduate study and/or research in optometry.

FUNDS AVAILABLE

Full fellowships are in the amount of \$1,800, payable in twelve equal monthly installments.

ELIGIBILITY

Qualified individuals who possess an academic degree as well as a graduate degree in optometry are eligible for support. Applicants must be working toward the Ph.D. degree and planning on a career in teaching and/or research at an optometric school or college.

DEADLINE - DURATION

Applications must be submitted by February 1. Fellowships are awarded for a period of one year and may be renewed twice. The maximum period of support for any one fellowship is three years.

CONTACT AGENCY

American Optometric Foundation, Inc., 201 South Central Avenue,  
St. Louis, Missouri 63105.

FIGHT FOR SIGHT, INC.

(POSTDOCTORAL RESEARCH FELLOWSHIPS)

OBJECTIVES

To assist research and treatment for the conquest of blinding eye diseases, sight impairment, and loss of sight.

TYPE OF ASSISTANCE

Postdoctoral fellowships for physicians and other scientists to carry on scientific investigation into the study of the eye, both normal and pathological, including the various branches of biological, chemical, and physical sciences and clinical investigative medicine.

FUNDS AVAILABLE

Stipends usually range from \$3,600 to \$7,500 for initial awards and from \$4,000 to \$8,500 for renewal awards.

ELIGIBILITY

Physicians or scientists holding the doctorate who are interested in academic careers involving fundamental or clinical research in ophthalmology or its related sciences are eligible to apply. Foreign nationals will be considered. Preference will be given to applicants with original projects or whose background interests are likely to contribute to the project undertaken under the fellowship.

DEADLINE - DURATION

Applications should be received by March 1. Fellowships are awarded for one year, with possibility of renewal.

CONTACT AGENCY

Secretary, Fight for Sight, Inc., 41 West 57th Street, New York,  
New York 10019.

THE HEED OPHTHALMIC FOUNDATION

(SURGERY FELLOWSHIPS)

OBJECTIVES

The fellowship from the Heed Ophthalmic Foundation is designed to provide assistance to promising men and women of exceptional ability who desire to further their education in the field of diseases of the eye and eye surgery or to conduct research work and investigation in ophthalmology.

TYPE OF ASSISTANCE

Fellowships

FUNDS AVAILABLE

Stipend of \$800 monthly for not more than six months in any calendar year.

ELIGIBILITY

An applicant for a Heed Fellowship must be a citizen of the United States and a graduate of a medical school accredited by the American Medical Association. The recipient of a Heed Fellowship must agree to pursue his education or to conduct his research in the United States.

CONTACT AGENCY

Heed Ophthalmic Foundation, c/o The First National Bank of Chicago, One First National Plaza, Chicago, Illinois 60670.

HEART AND LUNG

HEART AND LUNG RESEARCH - FELLOWSHIPS

AUTHORIZATION

National Heart Act, Public Law 80-655; Public Health Service Act, as amended, section 301(c) and (d); 42 U.S.C. 241, 287-287c.

OBJECTIVES

To increase the number of trained cardiovascular and pulmonary investigators and to assure the continuing flow of skilled and imaginative research workers into the cardiovascular and related fields.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 -	\$6,195,000
Grant Range	\$6,000 to \$30,000
Average Grant	\$19,050

ELIGIBILITY

Applicants for postdoctoral research fellowship must have received a Ph.D., M.D., D.D.S., D.O., D.V.M., Sc.D., D.Eng., or equivalent domestic or foreign degree. Applicants for special fellowship must have a doctorate or equivalent degree and at least three subsequent years of relevant research or professional experience, or have completed residency requirements in a medical specialty, or have otherwise demonstrated to the National Institutes of Health sufficient competence in their field to pursue the proposed research training program. Applicants must be citizens or noncitizen nationals

of the United States or have been lawfully admitted to United States for permanent residence. Cuban refugees exempt from U. S. Citizenship requirement. Visitors on temporary visas are not eligible.

#### USE AND RESTRICTIONS

Fellowships are awarded for full-time research training. Fellows may utilize some of their time in academic and clinical duties if such work is closely related to their research training. Awards may cover the individual's stipend, dependency allowance, tuition and fees, and travel costs.

A fellowship may not be retained concurrently with another award which provides a stipend or otherwise duplicates its provisions.

#### CONTACT AGENCY

Associate Director for Extramural Research and Training, National Heart and Lung Institute, National Institutes of Health, Bethesda, Maryland 20014.

THE DeBAKEY MEDICAL FOUNDATION

(FELLOWSHIPS)

OBJECTIVES

To foster and encourage medical education and training and to promote medical research.

TYPE OF ASSISTANCE

Fellowships and scholarships for medical study or research, grants for institutional research, and funds for hospital care projects. Support is given to all areas of medical research, with emphasis on investigations that have direct clinical application, particularly in the field of cardiovascular disease. Preference is given to projects with potential for new and expanded knowledge or technological advancement.

FUNDS AVAILABLE

Grants vary in amount, depending upon the needs and nature of the request.

ELIGIBILITY

Qualified individuals and organizations with appropriate interests are eligible to apply.

DEADLINE

Applications may be submitted at any time and are considered on an individual basis.

CONTACT AGENCY

The DeBakey Medical Foundation, 1200 Moursund Avenue, Houston, Texas 77025

AMERICAN HEART ASSOCIATION  
(BRITISH-AMERICAN RESEARCH FELLOWSHIPS)

OBJECTIVES

To encourage and support investigators not yet qualified to conduct independent research, who wish to undertake additional training in an institution in the United Kingdom.

TYPE OF ASSISTANCE

Postdoctoral fellowships for research in the broad field of cardiovascular function and disease or related fundamental problems.

FUNDS AVAILABLE

Fellowships provide stipends of \$9,000 plus \$600 per dependent up to a maximum of four. Awards also include various forms of fringe benefits as well as an annual departmental grant of \$750. Travel allowances for the awardee and one dependent are also available.

ELIGIBILITY

United States citizens or permanent residents who hold an M.D., Ph.D., D.Sc., D.D.S., D.V.M. or equivalent degree (foreign or domestic) are eligible for support. Applicants should not be over 35 years of age and must show evidence of potential for a research career which is normally taken to mean two years of postdoctoral research experience at the time of application.

DEADLINE - DURATION

Application materials must be submitted by September 15 for awards to begin on the first day of any month during the following July to October period. Fellowships are awarded for a period of one year.

CONTACT AGENCY

Director of Research, American Heart Association, 44 East 23rd Street, New York, New York 10010.

AMERICAN HEART ASSOCIATION  
(ESTABLISHED INVESTIGATORSHIP)

OBJECTIVES

To provide an opportunity for capable investigators to carry out their own research projects.

TYPE OF ASSISTANCE

Postdoctoral grants for independent research in the broad field of cardiovascular function and disease or related fundamental problems.

FUNDS AVAILABLE

Investigatorships provide stipends of \$13,000 for the first year of support with annual increments of \$1,000 up to a maximum of \$17,000. Awards also include various forms of fringe benefits.

ELIGIBILITY

United States citizens or permanent residents who hold an M.D., Ph.D., D.Sc., D.D.S., D.V.M. or equivalent degree (foreign or domestic) are eligible to apply. Applicants should not be over 40 years of age and must show evidence of ability to conduct independent research which normally is taken to mean three or more years of post-doctoral research experience at the time of application.

DEADLINE - DURATION

Application materials must be submitted by September 15 for awards to begin on the first day of the month at any time during the following July to October period. Support is available for a total

period of five years subject to annual review with extensions made only under the most unusual circumstances.

CONTACT AGENCY

Director of Research, American Heart Association, 44 East 23rd Street, New York, New York 10010.

NATIONAL TUBERCULOSIS AND RESPIRATORY DISEASE ASSOCIATION

(FELLOWSHIPS)

OBJECTIVES

To further training in the field of respiratory disease.

TYPE OF ASSISTANCE

Fellowships for training in pulmonary disease with the following categories of support available:

1. Physician training fellowships for full-time training directed toward a career in the specialty of pulmonary disease.
2. Postdoctoral fellowships for advanced training as scientific investigators in pulmonary disease.
3. Predoctoral fellowships to support work on a research project as part of an advanced degree program.

FUNDS AVAILABLE

Fellowships vary in amount, depending upon the needs and nature of the request, but do not normally exceed \$10,000 per year.

ELIGIBILITY

Awards are limited to United States citizens or persons with permanent visas. Applicants for physician training fellowships must be in their second or third year of residency in internal medicine, pediatrics, thoracic surgery, or any other specialty related to pulmonary disease. Postdoctoral fellowships are offered to qualified investigators holding the M.D., Ph.D. or Sc.D. degree. Graduate students with a bachelor's or master's degree who have passed their Ph.D. preliminary examination may apply for predoctoral fellowships.

Each applicant is expected to have already obtained at least a tentative appointment in a university, medical center, or hospital for training under a responsible teacher or investigator.

DEADLINE - DURATION

Applications must be submitted by November 1 for fellowships normally becoming tenable the following July 1. Fellowships are awarded on an annual basis and are renewable for a total support period of three years.

CONTACT AGENCY

Director of Medical Education, American Thoracic Society, 1740 Broadway, New York, New York 10019.

NATIONAL TUBERCULOSIS AND RESPIRATORY DISEASE ASSOCIATION

(EDWARD LIVINGSTON TRUDEAU FELLOWSHIPS)

OBJECTIVES

To further training and research in the field of respiratory diseases.

TYPE OF ASSISTANCE

Fellowships to support physicians assuming responsibility for medical school programs in fields concerned with pulmonary diseases.

FUNDS AVAILABLE

Fellowships vary in amount, depending upon the needs and nature of the request.

ELIGIBILITY

Physicians who have completed formal training in pulmonary diseases may apply if they are assured of a medical school teaching or research faculty appointment during the fellowship year. Only United States citizens are eligible.

DEADLINE - DURATION

Applications must be submitted by November 1 for fellowships normally beginning the following July 1. Fellowships are awarded on an annual basis and are renewable for a total support period of four years.

CONTACT AGENCY

Director of Medical Education, American Thoracic Society, 1740 Broadway, New York, New York 10019.

## MUSCULAR DYSTROPHY

MUSCULAR DYSTROPHY ASSOCIATION OF CANADA

(POSTDOCTORAL FELLOWSHIPS)

OBJECTIVES

To support research that will add to the current knowledge about muscular dystrophy and related disorders.

TYPE OF ASSISTANCE

Postdoctoral fellowships for research in physiological, biochemical, or histopathological studies of normal and/or pathological muscle, and in clinical and pathological studies of myopathy.

FUNDS AVAILABLE

The stipend ranges from \$6,000 upwards, depending upon qualifications and experience. Additional expenses, travel allowance, and grants-in-aid may also be applied for in certain circumstances.

ELIGIBILITY

Candidates must have a Ph.D. in one of the medical sciences, or an M.D., preferably with the completion of postgraduate training. The candidate must have laboratory facilities and must receive the approval of the institution and director of the laboratory where the work is to be carried out. Preference will be given to those who undertake studies in Canada.

DEADLINE - DURATION

Applications must be submitted by April 1. Fellowship tenure normally begins on July 1. Fellowships are awarded for one or more years, and renewal applications are possible.

CONTACT AGENCY

Muscular Dystrophy Association of Canada, 160 Bay Street, Toronto 1,  
Ontario, Canada.

MUSCULAR DYSTROPHY ASSOCIATION OF CANADA

(PREDOCTORAL FELLOWSHIPS)

OBJECTIVES

To support research that will add to the current knowledge about muscular dystrophy and related disorders.

TYPE OF ASSISTANCE

Predoctoral fellowships for research in a basic science or in medicine related to muscular dystrophy.

FUNDS AVAILABLE

The stipend ranges from \$3,000 upwards, depending on qualifications and experience. Additional expenses may be applied for.

ELIGIBILITY

Applicants must have strong interest in research in appropriate fields and must be associated with an institution which has basic facilities, equipment, and accommodations for the work proposed.

DEADLINE - DURATION

Applications must be submitted by April 1. Fellowship tenure normally begins on July 1. Fellowships are awarded for one year, and renewal applications are possible.

CONTACT AGENCY

Muscular Dystrophy Association of Canada, 160 Bay Street, Toronto 1, Ontario, Canada.

MUSCULAR DYSTROPHY ASSOCIATION OF CANADA

(SUMMER FELLOWSHIPS)

OBJECTIVES

To support research that will add to the current knowledge about muscular dystrophy and related disorders.

TYPE OF ASSISTANCE

Summer fellowships for research in a basic science or in medicine related to muscular dystrophy.

FUNDS AVAILABLE

The amount of the stipend is dependent upon the applicant's training and experience and the salary scale for summer students of the institution concerned.

ELIGIBILITY

Application may be made by second, third, and fourth year medical students and, in special cases, by first year students holding unusual academic qualifications.

DURATION

Summer fellowships are awarded for three to four months.

CONTACT AGENCY

Muscular Dystrophy Association of Canada, 160 Bay Street, Toronto 1, Ontario, Canada.

**NURSING**

SPECIAL PREDOCTORAL AND POSTDOCTORAL  
FELLOWSHIPS IN NURSING RESEARCH

AUTHORIZATION

Public Health Service Act, Section 301; Public Law 78-410;  
42 U.S.C. 241.

OBJECTIVES

To prepare nurses to do independent research to improve the nursing care of patients, to collaborate in interdisciplinary research, and/or to stimulate and guide research of importance to nursing.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 -	\$650,000
Grant Range	\$1,155 to \$10,750
Average Grant	\$4,772

ELIGIBILITY

Applicants must be registered nurses with baccalaureate degrees.

USE AND RESTRICTIONS

The special fellowships in nursing research provide an essential adjunct to the research grant programs since they prepare nurses to carry on much needed research for fuller understanding and improvement of nursing care. These fellowships support nurses with demonstrated research potential for the period of time needed to complete their research preparation.

CONTACT AGENCY

Regional Nurse Consultants, Department of Health, Education, and  
Welfare Regional Office (Appendix A).

HELEN FULD HEALTH TRUST

(FELLOWSHIPS)

OBJECTIVES

Helen Fuld provides grants exclusively and solely for the health, education, and welfare of student nurses enrolled in an accredited school of nursing which is affiliated with an accredited hospital. A student nurse is described as one being taught to administer to the sick and injured at the bedside.

TYPE OF ASSISTANCE

Construction Grants; Scholarships. Supplies, audio-visual and television equipment, libraries, recreational facilities, renovations, furnishings, classrooms, etc. to schools of nursing meeting legal qualifications set forth above.

ELIGIBILITY

School of nursing must be well established and records of achievement are reviewed regarding nurse education and results of state board examination. Location of school, priority of need, and availability of funds are also considered. No grants are made until an executed written contract has been finalized between the trustee and school. Final determination is made by Marine Midland Bank - New York, Trustee. No income or maintenance grants are made.

CONTACT AGENCY

Helen Fuld Health Trust, c/o E. Tinsley Ray, Senior Vice-President, Marine Midland - New York, 250 Park Avenue, New York, New York 10017.

NURSES' EDUCATIONAL FUNDS, INC.

(FELLOWSHIPS)

OBJECTIVES

To increase the supply of nurses qualified for administrative, research, teaching, and supervisory positions.

TYPE OF ASSISTANCE

Fellowships and scholarships for registered nurses seeking the bachelor's, master's, or Ph.D. degree in nursing sciences.

FUNDS AVAILABLE

Scholarships and fellowships vary in amount, ranging from \$1,000 to \$6,000.

ELIGIBILITY

Registered nurses who are United States citizens (or who have officially declared intention of becoming citizens) are eligible to apply if they have been accepted into a program of nursing education accredited by the National League of Nursing. Applicants must be able to present proof of membership in the American Nurses Association.

DEADLINE

Applications must be received by February 1 preceding the academic year for which support is sought.

CONTACT AGENCY

Nurses' Educational Funds, Inc., 10 Columbus Circle, New York, New York 10019.

NURSING SCHOLARSHIPS

AUTHORIZATION

Public Health Service Act, as amended, Section 860(d) Public Law 90-490; 82 Statutes 786; 42 U.S.C. 298c(d).

OBJECTIVES

To increase the nurse supply by: (1) recruiting greater numbers of students, especially students from disadvantaged groups; and (2) helping students in financial need to finance their nursing education.

TYPE OF ASSISTANCE

Project Grants (to capitalize loan funds)

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 - \$17,000,000

Grant Range \$726 to \$195,493

Average Grant \$15,844 (\$1,000 per student)

Sharing Ratio - Institutions are eligible for funds according to the following formula: 10 percent of the student population multiplied by \$2,000. No matching funds required for participation in nursing scholarships funds.

ELIGIBILITY

Applicant - All public and nonprofit private schools of nursing that prepare students for practice as registered nurses - i.e., associate degree nursing programs, baccalaureate or higher degree programs, and diploma schools - and that meet accreditation requirements as defined for purposes of the Health Manpower Act - are eligible to apply for

funds to be disbursed as scholarships for nursing students of exceptional financial need.

Beneficiary - Nursing students are eligible for scholarships if they are United States citizens or have been admitted to the United States for permanent residence, if they are full-time nursing students in good standing or have been admitted for full-time study in a nursing education program, and if they are of exceptional financial need.

#### USE AND RESTRICTIONS

Nursing scholarships are for the assistance only of full-time nursing students who are citizens of the United States or who have been admitted to the United States for permanent residence, and who are in financial need. Money is provided to nursing institutions to capitalize scholarship funds.

#### CONTACT AGENCY

Regional Nursing Consultants and Associate Directors for Manpower in the Department of Health, Education and Welfare Regional Offices (Appendix A).

NURSING STUDENT LOANS

AUTHORIZATION

Sections 215 to 823, Public Health Service Act, as amended; 58 Statutes 690; 82 Statutes 783; 42 U.S.C. 216, 297b; Public Law 88-581; Public Law 90-490.

OBJECTIVES

To increase educational opportunities for students in need of financial assistance to pursue a course of study in nursing education by providing long-term low-interest loans.

TYPE OF ASSISTANCE

Project Grants (to capitalize loan funds)

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 - \$17,110,000

Not more than a total of \$6,000 to any one student.

Grant Range - \$270 to \$97,650

Average not available. Average per student is \$700.

Sharing Ratio - Schools participating in loan funds must match the federal contribution with an amount not less than one-ninth of the Federal allotment or one-tenth of the total estimated need for loans.

ELIGIBILITY

Applicant - All public and nonprofit private schools of nursing that prepare students for practice as registered nurses - associate degree, baccalaureate or higher degree, and diploma schools - and that meet

accreditation requirements as defined for purposes of the Health Manpower Act, are eligible to apply for funds to be disbursed to qualified nursing students on a long-term, low-interest basis.

Beneficiary - Nursing students who are citizens of the United States or who have been admitted to the United States for permanent residence, and who are either full-time nursing students in good standings, or have been accepted for full-time study, are eligible for loans if they need such assistance to pursue a course of study in nursing.

#### USE AND RESTRICTIONS

Nursing student loans are for the assistance only of full-time nursing students who are citizens of the United States or who have been admitted to the United States for permanent residence. Grants are made to schools to capitalize loan funds.

#### CONTACT AGENCY

Regional Nursing Consultants and Associate Directors for Manpower, Department of Health, Education, and Welfare, Regional Offices (Appendix A).

**RADIOLOGY**

JAMES PICKER FOUNDATION  
(ADVANCED FELLOWSHIPS IN ACADEMIC RADIOLOGY)

OBJECTIVES

To provide special preparation for academic careers in radiology with emphasis on the acquisition of a broad background in the basic sciences.

TYPE OF ASSISTANCE

Postdoctoral fellowships for study and research support of radiologists and radiation scientists interested in academic careers. Emphasis is on the study of concepts and techniques in relevant medical, physical, engineering, and sociological sciences and their subsequent application to radiology's clinical and research problems.

FUNDS AVAILABLE

Fellowships include tuition and fees, an institutional allowance (up to \$1,500 annually for the first two years and a maximum of \$20,000 for the next three years of support) and a stipend of \$18,000 for the first fellowship year, \$20,000 for the second year, and \$22,000 for the third year. Stipends are not available after the third year, and no part of the institutional allowance may be used for the fellow's personal income.

ELIGIBILITY

Individuals less than thirty-five years of age who have had at least three years of residency or postdoctoral training in radiology or the radiological sciences and who intend to prepare for a faculty post in a medical school are eligible for support. Applicants must be

nominated by an appropriate clinical sponsor and have the acceptance of a science supervisor at the institution in which the supported work would be conducted.

DEADLINE - DURATION

Applications must be received by October 1 preceding the calendar year during which support is desired (i.e., October 1970 for fellowships to be announced the following February or March and activated any time between April 1, 1971 and January 1, 1972).

Fellowships are not designed to support advanced or subspecialty training that is primarily clinical in nature.

CONTACT AGENCY

Committee on Radiology, Division of Medical Sciences, National Academy of Sciences, 2101 Constitution Avenue, N.W., Washington, D.C. 20418.

JAMES PICKER FOUNDATION

(RESEARCH FELLOWSHIPS)

OBJECTIVES

To provide an opportunity for young medical scientists who are not professionally established to gain further insight into scientific investigation or develop competence in techniques and methods and to aid them in maturing plans for careers in radiology.

TYPE OF ASSISTANCE

Fellowships for research training in radiology, nuclear medicine, and related fields in preparation for an investigative career in radiology. Support is not available for projects in which radiographic procedures or isotopes are used merely as research tools in areas outside of radiology.

FUNDS AVAILABLE

Fellowships include travel expenses, an institutional allowance not to exceed \$1,500 per year, and first-year stipends ranging from \$8,500 to \$12,000 with annual increments of \$1,000 for second and third years.

ELIGIBILITY

Individuals who have the M.D. degree and two or more years of training in radiology and/or nuclear medicine, or who hold the Ph.D. or Sc.D. degree and plan on careers in the radiological sciences are eligible to apply. Preference is given, however, to applicants under thirty-five years of age.

DEADLINE - DURATION

Applications must be received by October 1 preceding the calendar year during which support is desired (i.e., October, 1971, for fellowships to be announced the following February or March and activated any time between April 1, 1972, and January 1, 1973). Fellowships are awarded for one year with applications for renewal possible.

CONTACT AGENCY

Committee on Radiology, Division of Medical Sciences, National Academy of Sciences, 2101 Constitution Avenue, N.W., Washington, D.C. 20418.

JAMES PICKER FOUNDATION  
(SCHOLARS IN RADIOLOGICAL RESEARCH)

OBJECTIVES

The Scholar Award in Radiology is intended for young academic physicians who wish to develop skills in clinical and basic radiological research or investigate new educational methods in radiological training.

TYPE OF ASSISTANCE

Awards for support and development of junior staff members in radiology and nuclear medicine.

FUNDS AVAILABLE

The award is limited to a maximum of \$10,000 per annum based upon the scholar's salary within a Department of Radiology or Nuclear Medicine. An additional amount not to exceed \$2,500 is available for research expenses.

ELIGIBILITY

Open to candidates who have completed formal training requirements for specialty board certification or the equivalent postdoctoral training and experience in the medical sciences related to radiology. Only those physicians (under 35 years of age) with a faculty position of instructor or assistant professor are eligible.

DEADLINE - DURATION

Applications must be received by October 1 preceding the calendar year during which support is desired (i.e., October 1971 for grants to be announced the following February or March and activated any time between April 1, 1972 and January 1, 1973). The initial scholarship is awarded for two years, but renewal for an additional year may be recommended.

CONTACT AGENCY

Committee on Radiology, Division of Medical Sciences, National Academy of Sciences, 2101 Constitution Avenue, N.W., Washington, D.C. 20418.

GRANTS FOR GENERAL MEDICAL EDUCATION

GENERAL MEDICAL SCIENCES - FELLOWSHIPS

AUTHORIZATION

Public Health Service Act, section 301(c); Public Law 87-838;  
42 U.S.C. 241.

OBJECTIVES

To help the Nation's most promising young men and women obtain the extensive research experience and knowledge required for competence in key fields of biomedical investigation, and to assist their development as medical school faculty.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations- fiscal year 1972 - \$15,142,000  
Range and Average - Postdoctoral stipends \$6,000 to \$7,000;  
special stipends (individually determined) average \$13,500;  
career development awards to \$25,000; postdoctoral fellowships  
allow \$500 dependency allowance.

ELIGIBILITY

Candidates must be citizens of the United States, or be admitted to the United States for permanent residency; they also must be nominated and sponsored by a public or private nonprofit institution having staff and facilities suitable to the proposed research training. Education and experience requirements vary by type of

fellowship, ranging from immediately postdoctoral, in the case of postdoctoral fellowships, to three years of relevant postdoctoral experience for research career development awards.

#### USE AND RESTRICTIONS

Awards are made to qualified individuals for research training in the basic medical, biological, clinical or related natural or behavioral sciences. Support is at postdoctoral levels of study, the latter including special fellowships and career development awards. No new applications for predoctoral fellowships are accepted. Funds cannot be used for training leading to degrees of Doctor of Medicine, Doctor of Veterinary Medicine, or other professional degrees. Awards for postdoctoral fellowships may include a basic stipend, dependency allowance, tuition costs and certain supply funds. Special fellowships do not include dependency allowance. For the career development awardee, funds are to provide the salary of the awardee as an employee of the sponsoring institution.

#### CONTACT AGENCY

Research Fellowships Branch, National Institute of General Medical Sciences, National Institutes of Health, Department of Health, Education, and Welfare, Bethesda, Maryland 20014.

JOSIAH MACY, JR. FOUNDATION

(FELLOWSHIPS)

OBJECTIVES

To initiate, stimulate, develop, and support scientific investigations on the fundamental aspects of health, sickness, and methods for the relief of suffering.

TYPE OF ASSISTANCE

Chiefly programs to increase the opportunities for minority group students to pursue careers in medicine; fellowships in the history of medicine; international conferences on aspects of medical education and medical care; the improvement of pediatrics training and care in developing countries; and limited awards for training of physicians' assistants.

FUNDS AVAILABLE

Grants vary in amount, depending upon the needs and nature of the request.

ELIGIBILITY

Qualified institutions with appropriate interests and individuals sponsored by such institutions are eligible to apply. No grants are made directly to individuals, however.

DEADLINE

Grants usually become effective July 1 or January 1.

CONTACT AGENCY

John Z. Bowers, M.D., President, Josiah Macy, Jr. Foundation,  
277 Park Avenue, New York, New York 10017.

NATIONAL MEDICAL FELLOWSHIPS, INC.

OBJECTIVES

To increase the number of physicians from minority groups currently under-represented in medical professions.

TYPE OF ASSISTANCE

Grants for American minority students, to support attendance at medical school for study leading to an M.D. degree.

FUNDS AVAILABLE

Grants range from \$1,200 to \$2,500 per year. Total awards in 1970 equal \$923,000.

ELIGIBILITY

American Indians, Black Americans, Mexican Americans, and Puerto Ricans who have been accepted by an American medical school are eligible to apply.

DEADLINE - DURATION

Applications must be submitted by April 1 for scholarship support beginning July 1. Grants are awarded on an annual basis with renewal possible for a second year of medical school.

CONTACT AGENCY

National Medical Fellowships, Inc., 3935 Elm Street, Downers Grove, Illinois 60515.

WOMEN'S MEDICAL ASSOCIATION OF THE CITY OF NEW YORK

(MARY PUTNAM JACOBI FELLOWSHIP)

OBJECTIVES

To further postgraduate medical education for women in medicine.

TYPE OF ASSISTANCE

Fellowships to graduate women physicians for medical research, clinical investigation, or postgraduate study in a special field of medicine.

FUNDS AVAILABLE

The amount currently available is \$5,000 which may be awarded to one applicant or divided among several applicants at the discretion of the Fellowship Committee.

ELIGIBILITY

Women physicians of any country are eligible to apply. Fellows are encouraged to carry out their projects in countries other than their own.

DEADLINE

March 1 for applications to be decided upon by May 1.

CONTACT AGENCY

Helena Gilder, M.D., Co-Chairman, Mary Putnam Jacobi Fellowship Committee, 1300 York Avenue, New York, New York 10021.

AMERICAN ACADEMY OF GENERAL PRACTICE

(MEAD JOHNSON AWARDS)

TYPE OF ASSISTANCE

Scholarships for graduate education in general or family medical practice.

FUNDS AVAILABLE

Sixteen scholarships of \$1,200 each are awarded annually.

ELIGIBILITY

Physicians who are interns, first-year residents, or military officers who have had no other residency training are eligible to apply if they have completed at least one year of graduate training and been accepted in an approved graduate training program in general or family practice to begin the summer following the selection of winners.

DEADLINE - DURATION

Applications must be submitted no later than January 1 preceding the award period. Awards may be made for the first, second, and third year of residency and must be used for the academic year awarded. No physician shall receive an award for more than one year.

CONTACT AGENCY

Chairman, Mead Johnson Awards Committee, American Academy of General Practice, Volker Boulevard and Brookside, Kansas City, Missouri 64112.

JOSEPH COLLINS FOUNDATION

(SCHOLARSHIPS)

OBJECTIVES

Aiding needy medical students to complete their medical education.

TYPE OF ASSISTANCE

Scholarships

FUNDS AVAILABLE

Maximum individual amount - \$1,500

Average individual amount - \$1,000

ELIGIBILITY

Individual student with separate letter from the dean or other officer of the medical school, approving the application on the basis of qualifications, merit, and need.

CONTACT AGENCY

Mark P. Stumpf, Trustee, Joseph Collins Foundation, One Chase Manhattan Plaza, New York, New York 10005.

EDUCATIONAL GRANTS NOT OTHERWISE CLASSIFIED

THE HELEN HAY WHITNEY FOUNDATION

(FELLOWSHIPS-IN CONNECTIVE TISSUE)

OBJECTIVES

Makes grants in support of three-year postdoctoral research experience for young Ph.D.'s and M.D.'s interested in the study of connective tissue and its diseases.

TYPE OF ASSISTANCE

Fellowships

FUNDS AVAILABLE

Individual grants in the amount of \$7,500 and an increase of \$500 for each dependent and each year of relevant postdoctoral experience.

ELIGIBILITY

Individuals who have recently received the Ph.D. or M.D. degree and who wish to begin postdoctoral experience may apply. Awards are highly competitive and preference is given to those whose research interests are in connective tissue and its diseases. Applicants must secure an appropriate sponsor and laboratory before applying.

CONTACT AGENCY

Executive Secretary, The Helen Hay Whitney Foundation, 66th Street and York Avenue, New York, New York 10021.

AMERICAN ACADEMY OF DERMATOLOGY, INC.

(EARL D. OSBORNE FELLOWSHIP IN DERMOPATHOLOGY)

TYPE OF ASSISTANCE

Fellowships for special study in dermopathology at the Armed Forces Institute of Pathology.

FUNDS AVAILABLE

One fellowship carrying a stipend of \$12,000 is awarded annually.

ELIGIBILITY

Graduate dermatologists are eligible to apply on a competitive basis.

DEADLINE - DURATION

Applications must be submitted at least one year in advance of the fellowship period. The fellowships support one year of study which runs from July 1 to the following June 30.

CONTACT AGENCY

Frederick H. Szymanski, M.D., Chairman of the Committee on Pathology, American Academy of Dermatology, 55 East Washington Street, Chicago, Illinois 60602.

ENVIRONMENTAL HEALTH SCIENCES - FELLOWSHIPS

AUTHORIZATION

Public Health Service Act of 1944, as amended, section 301(d); 42 U.S.C. 241

OBJECTIVES

Direct fellowships are provided to support training of individuals, at the postdoctoral level in professions of importance to environmental health research. Research career development awards are made to institutions to provide stable salary support for the development of young scientists with potential for careers of independent research.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 -	\$264,000
Grant Range	\$4,000 to \$25,000
Average Grant	\$14,000

ELIGIBILITY

Postdoctoral fellowships are awarded to qualified scholars who have earned a doctoral degree; applicants for a research career development award must have at least three years relevant post-doctoral experience; and special fellowships are intended to support advanced training of persons whose qualifications and needs make other types of fellowship inapplicable. All applicants must be U.S. citizens or lawfully admitted to the U.S. for permanent residence, and must be sponsored by a domestic or foreign private, nonprofit, or government institution that has the staff and facilities suitable to provide the proposed research training.

### USE AND RESTRICTIONS

Fellowship awards are made directly to individuals, not to institutions. Awards consist of stipends (\$6,000 for no relevant postdoctoral experience; \$6,500 for one year relevant postdoctoral experience; \$7,000 for two years relevant postdoctoral experience; stipends are determined on individual basis for postdoctoral experience beyond two years); dependency allowance; tuition and fees; and travel costs in hardship cases. Research career development awards in an amount up to \$25,000 are made directly to institutions. Award and use of fellowship funds are subject to applicable provisions of basic statutory authorities, appropriation acts, pertinent regulations, and operating policies of Department of Health, Education, and Welfare, National Institutes of Health, and the National Institute of Environmental Health Sciences.

### CONTACT AGENCY

Associate Director for Extramural Programs, National Institute of Environmental Health Sciences, Post Office Box 12233, Research Triangle Park, North Carolina 27709.



equivalent degree, Doctor of Osteopathy, Doctor of Optometry or an equivalent degree, Doctor of Podiatry or an equivalent degree, Bachelor of Science in Pharmacy or an equivalent degree, or Doctor of Veterinary Medicine or an equivalent degree, located in a state, the District of Columbia, Puerto Rico, or the Virgin Islands.

Beneficiary - Any student enrolled or accepted for enrollment in a school, as above, and pursuing a course of study which constitutes a full-time academic workload, as determined by the school, leading to a degree as specified above; in need of the assistance to be able to pursue the course of study; and a citizen or national of the United States or have such immigration status and personal plans to justify the conclusion that he intends to become a permanent resident of the United States.

#### USE AND RESTRICTIONS

Funds are allocated to eligible schools by statutory formula. Any balance remaining at close of fiscal years for which funds were appropriated must be returned to Public Health Service.

Scholarships are awarded to students of exceptional financial need to cover tuition, fees, books, equipment, and related educational costs reasonably necessary for student's attendance at the school as determined by the school.

#### CONTACT AGENCY

Associate regional health director for health manpower in the Health, Education and Welfare Regional Offices (Appendix A).

HEALTH PROFESSIONS STUDENT LOANS

AUTHORIZATION

Public Health Service Act as amended, sections 215, 741; Public Law 88-129; Public Law 88-654; Public Law 89-709; Public Law 89-751; Public Law 90-490; 42 U.S.C. 216, 294a.

OBJECTIVES

To increase educational opportunities for students in need of financial assistance to pursue a course of study in specified health professions by providing long-term, low interest loans.

TYPE OF ASSISTANCE

Project Grants (to capitalize a loan fund)

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972 - \$22,027,000

Grant Range \$4,500 to \$307,081

Average Grant \$98,814

Sharing Ratio - Allotment of funds based on statutory formula which takes into account the ratio each school's enrollment bears to the enrollments of all schools making application for funds.

A school may elect method of capitalizing loan fund. Under Federal Capital Contribution plan, a school must match Federal Capital Contribution with an amount equal to one-ninth the allotment so that at all times the school's deposit in the fund represents at least one-tenth the total amount of funds on deposit. Under Federal Capital Loan plan a school must execute a promissory note for the repayment of principal and interest on the Federal Capital Loan.

## ELIGIBILITY

Applicant - Any accredited public or other nonprofit school of medicine, dentistry, osteopathy, optometry, podiatry, pharmacy, or veterinary medicine which provides a course of study leading respectively to a degree of Doctor of Medicine, Doctor of Dental Surgery or an equivalent degree, Doctor of Osteopathy, Doctor of Optometry or an equivalent degree, Doctor of Podiatry or an equivalent degree, Bachelor of Science in Pharmacy or an equivalent degree, or Doctor of Veterinary Medicine or an equivalent degree, located in a state, the District of Columbia, Puerto Rico, or the Virgin Islands.

Beneficiary - Any student enrolled or accepted for enrollment in a school, as above, and pursuing a course of study which constitutes a full-time academic workload, as determined by the school, leading to a degree as specified above; in need of the loan to be able to pursue the course of study; and a citizen or national of the United States or have such immigration status and personal plans to justify the conclusion that he intends to become a permanent resident of the United States.

## USE AND RESTRICTIONS

Funds are allocated by statutory formula for the purpose of capitalizing a student loan fund. Funds on deposit can only be used for loans to eligible students pursuing a full-time course of study and for costs of litigation arising in connection with the collection of any obligation to the fund and interest thereon.

Loans are made to students to cover tuition, fees, books, equipment, and related educational costs reasonably necessary for student's attendance at the school as determined by the school.

CONTACT AGENCY

Associate Regional Health Director for Health Manpower in the Health  
Education and Welfare Regional Offices (Appendix A).

AMERICAN COLLEGE OF PHYSICIANS  
TEACHING AND RESEARCH SCHOLARS-IN INTERNAL MEDICINE

OBJECTIVES

To give support to an individual with interests and skills in both teaching and research.

TYPE OF ASSISTANCE

Scholarships for teaching and research in the field of internal medicine.

FUNDS AVAILABLE

Scholars receive stipends increasing from \$10,000 in the first year to \$11,000 in the second year and \$12,000 in the third year of support. Currently, three scholars are appointed annually.

ELIGIBILITY

Candidates must be United States or Canadian citizens and must be nominated by a department of medicine in an institution in the United States or Canada which has a recognized program of medical education and research. Nominees must be endorsed by the appropriate official of the university or college concerned.

DEADLINE - DURATION

Nominations must be received by September 1 for consideration at the mid-November selection meeting of the Committee on Fellowships and Scholarships. Each scholar is appointed for a term of three years.

CONTACT AGENCY

Edward C. Rosenow, Jr., M.D., Executive Vice-President, American  
College of Physicians, 4200 Pine Street, Philadelphia, Pennsylvania  
19104.

NATIONAL KIDNEY FOUNDATION

(FELLOWSHIPS)

OBJECTIVES

To support those aspects of kidney research and training which are not adequately financed by governmental or private agencies.

TYPE OF ASSISTANCE

Fellowships for research and training in the field of kidney function and disease. Current emphasis is on supporting research and training in renal function and disease as well as providing clinical fellowships in nephrology.

FUNDS AVAILABLE

Fellowships vary in amount, depending upon the needs and nature of the request. When detailing budget requests, applicants should bear in mind that available foundation funds are extremely limited at present.

ELIGIBILITY

Qualified investigators with appropriate interests are eligible to apply.

DEADLINE - DURATION

Applications must be submitted by October 1 for awards to be announced on or about December 1 with support becoming effective the following July 1. Although awards are made normally on an annual basis, applications for longer periods are considered with

the understanding that future support is contingent upon the availability of funds.

CONTACT AGENCY

Research Grants and Fellowships Committee, National Kidney Foundation, 315 Park Avenue South, New York, New York 10010.

NEUROLOGICAL DISEASES AND STROKE - FELLOWSHIPS  
(SPECIAL TRAINEESHIPS AND POSTDOCTORAL RESEARCH FELLOWSHIPS)

AUTHORIZATION

Public Health Service Act of 1944, as amended, section 301(d); 42  
U.S.C. 241.

OBJECTIVES

To provide financial assistance during periods of postdoctoral and  
advanced specialized training in the clinical or basic sciences  
pertinent to research and teaching in the neurological and communica-  
tive disorders.

TYPE OF ASSISTANCE

Project Grants

FUNDS AVAILABLE

Federal Obligations - fiscal year 1972:

Special traineeships	\$1,785,000
Postdoctoral fellowships	\$339,000

Grant Range:

Special traineeships	\$8,000 to \$25,000
Postdoctoral fellowships	\$6,000 to \$10,000

Average Grant:

Special traineeships	\$11,800
Postdoctoral fellowships	\$7,600

### ELIGIBILITY

Trainees must be citizens of the United States or must be permanently admitted for residence. Postdoctoral fellows must have been awarded a doctoral degree. Special trainees must have completed at least three years of residency training in a clinical specialty or its equivalent or have had at least three years of pertinent postdoctoral training or research experience. Applicant must arrange for admission to an appropriate institution and acceptance by a sponsor who will supervise his training.

### USE AND RESTRICTIONS

Trainee stipend is for support of the trainee and his dependents. The amount awarded can include funds for tuition and laboratory fees. Tuition can be used for that purpose only and unused tuition funds must be returned to the institute.

### CONTACT AGENCY

Chief, Training Grants and Awards Branch, National Institute of Neurological Diseases and Stroke, Extramural Programs, National Institutes of Health, Bethesda, Maryland 20014.

THE BURROUGHS WELLCOME FUND  
(BURROUGHS WELLCOME SCHOLAR IN CLINICAL PHARMACOLOGY)

OBJECTIVES

To stimulate teaching, training, and research in clinical pharmacology.

TYPE OF ASSISTANCE

Awards to help United States medical schools establish and develop a section or division of clinical pharmacology by contributing to the support of a full-time Clinical Pharmacologist with faculty appointments in medicine and pharmacology.

FUNDS AVAILABLE

Each award provides \$125,000 to be used primarily for the salary of the scholar and for partial support of his activities over a five-year period.

ELIGIBILITY

United States medical schools or universities wishing to set up a clinical pharmacology division or section are eligible to apply on behalf of a specific candidate. Awards are determined by competition; and more than one award may be made in a given year.

DURATION

Awards provide support for five years. In the event that a medical school wishes to continue the program after the five-year period of the award but is unable to do so without further financial assistance, application may be made to extend the award.

CONTACT AGENCY

The Burroughs Wellcome Fund, 3030 Cornwallis Road, Research Triangle  
Park, North Carolina 27709.

AMERICAN PODIATRY ASSOCIATION

(FELLOWSHIPS)

OBJECTIVES

To encourage teaching in a podiatry college.

TYPE OF ASSISTANCE

Fellowships for postgraduate education leading to an advanced degree in a field related to podiatry, such as life sciences, clinical sciences, public health, education or educational administration.

FUNDS AVAILABLE

Six awards of \$4,000 each are made annually, renewable up to \$8,000 over a minimum two-year period.

ELIGIBILITY

Graduates of an accredited college with interest in a teaching career in a podiatry college may apply. Areas of specialization include the basic and clinical sciences, public health, education and educational administration. In addition, a minimum of four hours per week is required at a college of podiatry.

DEADLINE - DURATION

Applications must be submitted by March 1. Awards are offered on an annual basis and are renewable for one additional year.

CONTACT AGENCY

Committee on Scholarships and Fellowships, American Podiatry Association, 20 Chevy Chase Circle, N.W., Washington, D.C. 20015.

INTERNATIONAL COLLEGE OF SURGEONS

(FELLOWSHIPS)

OBJECTIVES

To promote the science and art of surgery for the benefit of the public, students, and the medical profession throughout the world.

TYPE OF ASSISTANCE

Scholarships, postgraduate fellowships and research grants to support individuals pursuing training in any field of surgery.

FUNDS AVAILABLE

Awards vary in amount and normally do not exceed \$3,000, including round-trip travel expenses to the country in which the training is to be conducted as well as stipends paid in twelve installments.

ELIGIBILITY

Surgeons in residence from anywhere in the world are eligible to apply. Although preference is given to young residents in training, surgeons who have completed residency may also apply for support of special training.

DEADLINE - DURATION

Applications must be submitted by January 1 to be considered for programs beginning in the fall of the year for which assistance is sought. Awards usually support one year of training only; however, exceptions may be made, depending upon specific needs.

CONTACT AGENCY

Committee on Scholarships, International College of Surgeons,  
1516 North Lake Shore Drive, Chicago, Illinois 60610.

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## QUESTIONNAIRE

STATE OF CALIFORNIA  
**Office of the Auditor General**

ROOM 400, 1100 K BUILDING  
SACRAMENTO, CALIFORNIA 95814

Gentlemen:

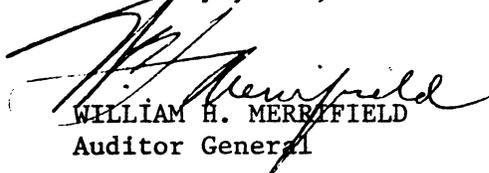
The California State Legislature has requested the Office of the Auditor General to prepare a catalog of health and medical programs. This catalog is to list the grants and other financial resources which are available to the public and private agencies and to individuals in California.

We are including in the catalog the resources available from the federal government, the California state government, other public agencies, and private agencies such as foundations.

To aid us in preparing the catalog, we are asking selected foundations to complete the enclosed questionnaire and return it to us in the pre-addressed envelope.

Your help and early response will be greatly appreciated.

Sincerely yours,

  
WILLIAM H. MERRIFIELD  
Auditor General

encl.

QUESTIONNAIRE

HEALTH AND MEDICAL PROGRAMS CATALOG  
FOUNDATIONS SECTION

OFFICE OF THE AUDITOR GENERAL (916) 445-0255  
ROOM 400 - 1100 K BUILDING  
SACRAMENTO, CALIFORNIA 95814

1. Title of the Foundation \_\_\_\_\_
  
2. Are applications from California accepted? \_\_\_\_\_ (If not, stop here and return questionnaire)
  
3. Describe the purposes and activities of your Foundation \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
  
4. Types of Assistance (Check assistance offered in the health and medical-related programs only)  

Research Grants	_____
Construction Grants	_____
Construction Loans	_____
Fellowships	_____
Scholarships	_____
Student Loans	_____
Other (describe)	_____

5. For each category of assistance checked in Item 4, provide the following information (additional pages may be attached as needed):

Range of Individual Gifts (use most recent data):

	<u>Low</u>	<u>High</u>	<u>Average</u>
Research Grants	\$ _____	\$ _____	\$ _____
Construction Grants	\$ _____	\$ _____	\$ _____
Construction Loans	\$ _____	\$ _____	\$ _____
Fellowships	\$ _____	\$ _____	\$ _____
Scholarships	\$ _____	\$ _____	\$ _____
Student Loans	\$ _____	\$ _____	\$ _____
_____	\$ _____	\$ _____	\$ _____

Applicant Eligibility:

(Describe the eligibility criteria for applicants in each category)

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Uses and Regulations:

(e.g., A research grant may have limitations such as cancer or heart research)

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**APPENDIX A**

APPENDIX A

ADDRESSES FOR CONTACT OFFICES

DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

Regional Office

Region IX  
Federal Office Building  
50 Fulton Street  
San Francisco, California 94102

DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT

Area Offices

1 Embarcadero Center  
Suite 1600  
San Francisco, California 94111

2500 Wilshire Boulevard  
Los Angeles, California 90057

F.H.A. Insuring Offices

800 I Street  
P. O. Box 1978  
Sacramento, California 95809

110 West C Street  
P. O. Box 2648  
San Diego, California 92112

1440 East First Street  
Santa Ana, California 92701

DEPARTMENT OF JUSTICE

Regional Laboratory

450 Golden Gate Avenue  
Room 8450  
San Francisco, California 94102

Regional Office

Region 13  
1340 West Sixth Street  
Los Angeles, California 90017

OFFICE OF ECONOMIC OPPORTUNITY

Regional Office

Region IX  
681 Market Street  
San Francisco, California 94102

VETERANS' ADMINISTRATION

Station Directors

Veterans' Assistance Center  
101 South Willowbrook Avenue  
Compton, California 90220

VA Regional Office  
Federal Building  
11000 Wilshire Boulevard  
Los Angeles, California 90024

VA Office  
Wusaaw Medical Building  
2131 Third Avenue  
San Diego, California 92101

VA Regional Office  
49 Fourth Street  
San Francisco, California 94103

Veterans' Hospital Facilities

Veterans Administration Hospital  
2615 Clinton Avenue  
Fresno, California 93703

Veterans' Administration Hospital  
Livermore,  
California 94550

Veterans' Administration Hospital  
5901 East Seventh Street  
Long Beach, California 90801

Veterans' Administration Center  
(Hospital and Domiciliary)  
Sawtelle and Wilshire Boulevard  
Los Angeles, California 90073

Veterans' Outpatient Clinic  
1031 South Broadway  
Los Angeles, California 90015

Veterans' Administration Hospital  
150 Muir Road  
Martinez, California 94553

Veterans' Administration Hospital  
3801 Miranda Avenue  
Palo Alto, California 94304

Veterans' Administration Hospital  
4150 Clement Street  
San Francisco, California 94121

Veterans' Administration Hospital  
Sepulveda,  
California 91343

ENVIRONMENTAL PROTECTION AGENCY

Regional Office

Region IX  
760 Market Street  
San Francisco, California 94102