

NIH GUIDE

**For Grants
and
Contracts**

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The NIH Guide announces scientific
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be kept informed of opportunities,
requirements, and changes in extra-
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NOTICES

APPLICATION ASSIGNMENT SUGGESTIONS

P.T. 34; K.W. 1014002

Alcohol, Drug Abuse, and Mental Health Administration

The Alcohol, Drug Abuse, and Mental Health Administration (ADAMHA) was inadvertently omitted from the notice on Application Assignment Suggestions which appeared in the NIH Guide for Grants and Contracts (Vol. 17, No. 13, April 8, 1988). Listings of the ADAMHA Institutes and membership of their review groups can be found in ADAMHA Advisory Committees, a publication that will be available in the near future in libraries and offices of sponsored research and may be obtained from:

Committee Management Office, ADAMHA
5600 Fishers Lane, Room 13-103
Rockville, Maryland 20857
Telephone: (301) 443-4266

DATED ANNOUNCEMENTS (RFPs AND RFAs)

AIDS INFRASTRUCTURE PROJECTS

RFA AVAILABLE: 88-RR-02

P.T. 36; K.W. 0780000, 0735000

Division of Research Resources

Application Receipt Date: July 15, 1988

BACKGROUND

The Division of Research Resources (DRR), announces there will be \$23,935,000 available for the ". . . repair, renovation, modernization and expansion of existing facilities and the purchase of associated equipment." These funds were appropriated for "AIDS infrastructure projects," and will be used to improve the science infrastructure and to redress the inadequacies of space for AIDS research. Of this amount, at least \$2,872,000 will be reserved for grants to the Regional Primate Research Centers for similar activities.

TYPES OF ACTIVITY

Support may be requested for the costs of adapting existing interior space and utilities within a finished structure, to the needs of an AIDS research group or of an individual research investigator. Support may also be requested for additions to existing facilities, or the completion of "shell" space in new or existing buildings. Some examples are: renovation of space to meet the needs of clinical research, remodeling laboratory space, redesigning specialized instrumentation space, or upgrading animal care facilities.

FUNDING PARTICIPATION

The DRR will provide 100 percent of the total allowable costs of projects up to \$1 million. The applicant organization must demonstrate the availability of funds from other sources to complete proposed projects costing in excess of \$1 million.

ELIGIBILITY

Any domestic non-Federal institution, organization, or association which holds at least one active or pending PHS AIDS or AIDS-related research award is eligible to apply.

METHOD OF APPLICATION

Form PHS 398 (Rev. 9/86) is to be used for Alteration and Renovation applications. Expansion applications must be submitted on Form NIH 2575 (SF 424). Prospective applicants must request additional specific information about application format and other guidelines from the DRR. Applicants are encouraged to discuss with DRR staff the feasibility of the plans before preparing the application.

APPLICATION RECEIPT

Grant applications must be submitted to the Division of Research Grants, National Institutes of Health by July 15, 1988. Applications received after that date will not be accepted for review in this competition.

APPLICATION REVIEW

Applications will be reviewed for scientific and technical merit by a special peer review group convened by the Division of Research Resources. A system of triage may be used for screening applications for responsiveness and competitiveness. The triage process, if used, will be conducted on the same careful and responsible level as the subsequent first and second level peer reviews, by a knowledgeable group of reviewers. The National Advisory Research Resources Council will conduct a review on October 31, 1988, to assess the program relevance. Awards will be made on or before December 1, 1988.

Grants Administration and Policy Information may be obtained from:

Ms. Jean M. Cahill
Grants Management Specialist
Division of Research Resources
Building 31, Room 5B32
Bethesda, Maryland 20892
Telephone: (301) 496-9840

Specific program information and program guidelines may be obtained from:

Mr. C. Alan Moore
Special Assistant to the Deputy Director
Division of Research Resources
Building 31, Room 5B23
Bethesda, Maryland 20892
Telephone: (301) 496-0804

Grants for expansion of existing facilities made under this program are subject to Executive Order 12372. All awards will be made under the authority of Public Law 100-202, and administered under PHS grant policies and Federal Regulations 42 CFR Part 52 and 45 CFR Part 74.

MINORITY SCHOOL FACULTY DEVELOPMENT AWARD

P.T. 14, FF; K.W. 0715040, 0715165, 0785070

National Heart, Lung, and Blood Institute

Application Receipt Date: August 22, 1988

The National Heart, Lung, and Blood Institute (NHLBI), announces a program to encourage the development of faculty investigators at minority schools in areas relevant to cardiovascular, pulmonary, and hematologic diseases and resources. Copies of the program guidelines are currently available from the staff of the NHLBI, listed below.

Grants in this program will be made to minority institutions on behalf of awardees, each of which will work with a mentor at a nearby (within 100 miles) research center, who is recognized as an accomplished investigator in the research area proposed and who will provide guidance for the awardee's development and research plan.

Guidelines for this program may be obtained from any of the following:

George A. Hayden, Ph.D.
Division of Heart and Vascular Diseases
National Heart, Lung, and Blood Institute
National Institutes of Health
Federal Building, Room 3C04
Bethesda, Maryland 20892
Telephone: (301) 496-1724

Joan Wollé, Ph.D.
Division of Lung Diseases
National Heart, Lung, and Blood Institute
National Institutes of Health
Westwood Building, Room 640
Bethesda, Maryland 20892
Telephone: (301) 496-7668

Christine Parker, Ph.D.
Division of Blood Diseases and Resources
National Heart, Lung, and Blood Institute
National Institutes of Health
Federal Building, Room 5C04
Bethesda, Maryland 20892
Telephone: (301) 496-4186

This program is described in the Catalog of Federal Domestic Assistance Nos. 13.837, 13.838, and 13.839. Awards will be made under the authority of the Public Health Service Act, Title III, Section 301 (Public Law 78-410 as amended; 42 USC 241) and administered under PHS grant policies and Federal Regulation 42 CFR Part 52 and 45 CFR Part 74. This program is not subject to the intergovernmental review requirements of Executive Order 12372 or Health Systems Agency review.

MINORITY INSTITUTIONAL RESEARCH TRAINING PROGRAM

P.T. 44, FF; K.W. 0720005, 0715040, 0715165, 0785070

National Heart, Lung, and Blood Institute

Application Receipt Date: August 22, 1988

The National Heart, Lung and Blood Institute (NHLBI) announces a program to support full time research training for investigative careers at minority schools in areas related to cardiovascular, pulmonary or hematologic diseases. Minority schools seeking this support must have: (1) graduate students, or; (2) health professional students who will take a minimum of one year from his/her professional training, or; (3) postdoctoral students. The support mechanism will be the NIH institutional research training grant. Copies of the program guidelines are currently available from staff of the NHLBI, listed below.

Grants in this program will be made to minority institutions, each of which will cooperate with a research center that has a well-established cardiovascular, pulmonary, or hematologic research and research training program. Each trainee will be placed with a mentor who is an accomplished investigator at the cooperating research center and who will assist the advisor at the minority institution in the trainee's development and research plan.

Guidelines for this program may be obtained from any of the following:

George A. Hayden, Ph.D.
Division of Heart and Vascular Diseases
National Heart, Lung, and Blood Institute
National Institutes of Health
Federal Building, Room 3C04
Bethesda, Maryland 20892
Telephone: (301) 496-1724

Diane Aiken
Division of Lung Diseases
National Heart, Lung, and Blood Institute
National Institutes of Health
Westwood Building, Room 640A
Bethesda, Maryland 20892
Telephone: (301) 496-7668

Christine Parker, Ph.D.
Division of Blood Diseases and Resources
National Heart, Lung, and Blood Institute
National Institutes of Health
Federal Building, Room 5C04
Bethesda, Maryland 20892
Telephone: (301) 496-1724

This program is described in the Catalog of Federal Domestic Assistance numbers 13.837, 13.838, and 13.839. Award will be made under the authority of the Public Health Service Act, Title III, Section 301 (Public Law 78-410, as amended; 42 USC 241) and administered under PHS grant policies and Federal Regulations at 42 CFR Part 52 and 45 CFR Part 74. This program is not subject to Health Systems Agency review.

ONGOING PROGRAM ANNOUNCEMENTS

INVESTIGATIONS INTO METHODS THAT REPLACE OR REDUCE VERTEBRATE ANIMALS USED IN RESEARCH, OR LESSEN THEIR PAIN AND DISTRESS

P.T. 34; K.W. 0755020, 0780015, 0715150, 1002027

National Institutes of Health
National Institute of Mental Health

Application Receipt Dates: February 1, June 1, October 1

BACKGROUND

NIH and NIMH invites grant applications for investigations into research methods that do not use animals, use fewer animals or produce less pain and distress in animals used for research.

Proposals for the study of invertebrates, lower vertebrates, microorganisms, cell and tissue culture systems, physical models, or mathematical approaches can have the same potential relevance to biomedical research as proposals for work on systems that are phylogenetically more closely related to humans. Experience indicates that information yielded by such systems can increase substantially the knowledge of human function.

While animals are essential to the advancement of knowledge in the biomedical sciences, non-animal research methods can and do provide additional opportunities to advance our understanding of biological processes. For example, biological models or model systems derived from or consisting of nonmammalian organisms, or cell and tissue culture systems, may serve to reduce or eliminate the use of animals in the early stages of some investigations, and may provide valuable insights into mechanisms of biological functions that are more difficult to obtain from studies of whole vertebrate animals. Physical models may be appropriate for some studies, and these models permit rigorous control and relative ease of observation. Non-invasive experimental techniques, permitting studies of biological processes in intact animals, can reduce the number of experimental animals since multi-step phenomena can be observed in a single subject. Such technologies often permit studies otherwise impossible to perform. Mathematical modeling is another useful investigational strategy when closely coupled to biological experimentation, and there are opportunities for mathematical modeling in many areas of biomedical research.

RESEARCH GOALS

Grant applications are requested for projects that will increase the extent and depth of knowledge needed to develop methods of biomedical research that:

- o do not require the use of vertebrate animals
- o reduce the number of vertebrate animals used in research
- o produce less pain and distress in vertebrate animals than methods currently used
- o validate or demonstrate the reliability of non-animal methods
- o develop non-vertebrate animal research methods that have been found valid and reliable

MECHANISM OF SUPPORT

The support mechanism for this program will be the traditional investigator-initiated research project grant. Under this mechanism the applicant will plan, direct, and carry out the research program. The project period during which the research will be conducted should adequately reflect the time required to accomplish the stated goals and be consistent with the policy for grant support. Support will be provided for up to five years (renewable for subsequent periods) subject to the availability of funds and progress achieved.

Research grant applications may be submitted by both nonprofit and profit-making organizations and institutions, State or local governments and their agencies, and eligible agencies of the Federal Government.

APPLICATIONS AND REVIEW PROCEDURES

Applications in response to this solicitation will be appropriately peer reviewed for scientific and technical merit. They will be judged on the overall scientific merit of the proposed research, potential significance of the research findings, adequacy of methodology, availability of necessary facilities, and the qualifications of the research team. A secondary review for policy and program relevance to the research needs and missions of the Bureau, Institute, or Division to which the proposal is assigned will be made by the respective National Advisory Councils.

Applications will be received by the NIH Division of Research Grants on PHS Form 398, Rev. 9/86, "Application for Public Health Service Grant." Applicants should enter "alternative methods" on line 2 for the response to specific program announcement.

This is a revised PA, initially issued January 1987, as "Research into methods of research that do not use vertebrate animals, use fewer vertebrate animals, or produce less pain and distress in vertebrate animals used in research."

Applicants are requested to send a letter of intent to:

Dr. James D. Willett, Chief
Biological Models and Materials Resources Section, DRR/NIH
Building 31, Room 5B54
9000 Rockville Pike
Bethesda, Maryland 20892

FOR FURTHER INFORMATION CONTACT:

Division of Research Resources
Dr. James D. Willett
Chief, Biological Models and
Materials Resources Section
Animal Resources Program
Building 31, Room 5B54
Bethesda, Maryland 20892
Telephone: (301) 496-5507

National Cancer Institute
Dr. J. A. R. Mead
Chief, Grants and Contracts Operations Branch
Developmental Therapeutics Program
Division of Cancer Treatment
Executive Plaza North, Room 832
Bethesda, Maryland 20892
Telephone: (301) 496-8783

National Center for Nursing Research
Dr. Jan Heinrich
Director, Extramural Programs
Building 38A, Room 2BE17
Bethesda, Maryland 20892
Telephone: (301) 496-0523

National Eye Institute
Dr. Ralph Helmsen
Chief, Anterior Segment Diseases Branch
Building 31, Room 6A46
Bethesda, Maryland 20892
Telephone: (301) 496-5884

National Institute of Allergy
and Infectious Diseases
Dr. Luz A. Froehlich
Deputy Director, Extramural Activities Program
Westwood Building, Room 703
Bethesda, Maryland 20892
Telephone: (301) 496-7688

National Institute on Aging
Dr. DeWitt Hazzard
Head, Resource Development
Biomedical Research and Clinical Medicine
Building 31, Room 5C21
Bethesda, Maryland 20892
Telephone: (301) 496-6402

National Institute of Arthritis and
Musculoskeletal and Skin Diseases
Dr. Steven J. Hausman
Deputy Director, Extramural Activities Program
Westwood Building, Room 403
Bethesda, Maryland 20892
Telephone: (301) 496-7495

National Institute of Child Health
and Human Development
Ms. Hildegard Topper
Special Assistant
Office of the Director
Building 31, Room 2A04
Bethesda, Maryland 20892
Telephone: (301) 496-0104

National Institute of Diabetes and
Digestive and Kidney Diseases
Dr. Walter Stolz
Director, Division of Extramural Activities
Westwood Building, Room 657
Bethesda, Maryland 20892
Telephone: (301) 496-7277

National Institute of Dental Research
Dr. Marie U. Nylén
Director for Extramural Programs
Westwood Building, Room 503
Bethesda, Maryland 20892
Telephone: (301) 496-7723

National Institute of Environmental Health Sciences
Dr. Jerry Robinson
Scientific Programs Branch
Division of Extramural Research and Training
P.O. Box 12233
Research Triangle Park, North Carolina 27729
Telephone: (919) 541-7724 or
(FTS Number) 8-629-7724

National Institute of General Medical Sciences
Dr. David Wolff
Deputy Associate Director for Program Activities
Westwood Building, Room 955
Bethesda, Maryland 20892
Telephone: (301) 496-7063

National Heart, Lung, and Blood Institute
Dr. Henry G. Roscoe
Westwood Building, Room 7A17
Bethesda, Maryland 20892
Telephone: (301) 496-7225

National Institute of Neurological and
Communicative Disorders and Stroke
Dr. Eugene Streicher
Director, Division of Fundamental Neurosciences
Federal Building, Room 916
Bethesda, Maryland 20892
Telephone: (301) 496-5745

National Institute of Mental Health
Dr. Stephen H. Koslow
Chief, Neurosciences Research Branch
5600 Fishers Lane, Room 11-105
Rockville, Maryland 20857
Telephone: (301) 443-1504