

# NIH GUIDE

For Grants  
and  
Contracts

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NOTICES

NUMBERS OF COPIES OF APPLICATIONS TO BE SUBMITTED FOR AIDS  
EXPEDITED REVIEW

P.T. 34; K.W. 0715120, 1014002

National Institutes of Health  
Alcohol, Drug Abuse, and Mental Health Administration

The number of copies of applications required for investigator-initiated AIDS research project grant (R01) or First Independent Research Support and Transition (FIRST) award (R29) applications for expedited review has been increased to facilitate faster processing. Commencing with the May 2, 1988, receipt date, applicants to NIH and ADAMHA must now submit the original application plus 32 legible copies if they wish the applications to receive expedited review. The number of copies of appendix materials remains at 6. Applicants for other mechanisms of AIDS research, development and training support should refer to earlier notices from the NIH and ADAMHA in the Guide for Grants and Contracts (Vol. 17, No. 9, March 11, 1988), for the correct numbers of copies to be submitted and other relevant information.

HUMAN SUBJECT (IRB) CERTIFICATIONS AND ANIMAL SUBJECT (IACUC) VERIFICATIONS -  
AIDS EXPEDITED REVIEW

P.T. 34; K.W. 0715120, 1014003, 0783005

National Institutes of Health  
Alcohol, Drug Abuse, and Mental Health Administration

The following instructions apply to applications for all mechanisms of support for AIDS research submitted to ADAMHA and NIH for expedited review commencing with the September 1, 1988, receipt date:

- o If the applicant has an approved assurance covering the research (multiple project assurance for human subjects/full Assurance of Compliance for animal subjects), the applicant should provide, with the application, certification of institutional review board (IRB) approval if humans are involved and verification of institutional animal care and use committee (IACUC) approval if animals are involved. These reviews and approvals should occur PRIOR TO SUBMISSION OF the applications for award and the certifications and verifications should be SUBMITTED WITH the applications. Failure to provide required certifications and verifications within applications could result in deferral or rejection.
- o If animals or humans will be subjects of the research at PERFORMANCE SITES OTHER THAN THE APPLICANT ORGANIZATION, the applicants must identify, within the applications, the assurance status of each participant. Failure to provide this information within applications could result in deferral or rejection.

Inquiries regarding the expedited processing of AIDS applications should be addressed to the appropriate NIH or ADAMHA AIDS Coordinator:

National Institute of Child Health and Development  
Dr. Antonio Novello  
Telephone: (301) 496-1848

National Institute of General Medical Sciences  
Dr. Elke Jordan  
Telephone: (301) 496-7061

National Institute of Diabetes and Digestive and Kidney Diseases  
Dr. Walter Stolz  
Telephone: (301) 496-7277

National Institute of Arthritis and Musculoskeletal and Skin Diseases  
Dr. Steven Hausman  
Telephone: (301) 496-7495

National Heart, Lung, and Blood Institute  
Dr. Frances Pitlick  
Telephone: (301) 496-7416

National Institute of Dental Research  
Dr. Matthew Kinnard  
Telephone: (301) 496-7784

Division of Research Resources  
Dr. James O'Donnell  
Telephone: (301) 496-6023

National Institute of Environmental Health Sciences  
Dr. Anne Sassaman  
Telephone: (919) 541-7723

National Institute of Allergy and Infectious Diseases  
Dr. John Diggs  
Telephone: (301) 496-7291

Division of Research Grants  
Dr. Hugh Stamper  
Telephone: (301) 496-7179

National Cancer Institute  
Dr. Paul Rambaut  
Telephone: (301) 496-4218

National Institute of Neurological and Communicative Disorders and Stroke  
Dr. John Dalton  
Telephone: (301) 496-9248

Division of Contracts and Grants  
Mr. Curtis Tate  
Telephone: (301) 496-4422

National Center for Nursing Research  
Dr. Jan Heinrich  
Telephone: (301) 496-0526

National Eye Institute  
Dr. Jack McLaughlin  
Telephone: (301) 496-5983

National Library of Medicine  
Mr. Arthur Broering  
Telephone: (301) 496-4621

Fogarty International Center  
Dr. Bettie Graham  
Telephone: (301) 496-6688

National Institute on Aging  
Dr. Miriam Kelty  
Telephone: (301) 496-9322

National Institute on Drug Abuse  
Dr. Roy Pickens  
Telephone: (301) 443-6697

National Institute on Alcohol Abuse and Alcoholism  
Mr. Steve Long  
Telephone: (301) 443-1284

National Institute of Mental Health  
Dr. Lyle Bivens  
Telephone: (301) 443-3563

RECEIPT DEADLINES FOR AIDS RESEARCH AND AIDS RESEARCH CENTER  
GRANT APPLICATIONS

P.T. 34; K.W. 0715120, 1014002

Alcohol, Drug Abuse, and Mental Health Administration

The Alcohol, Drug Abuse, and Mental Health Administration (ADAMHA) reminds applicants that the review schedule for the ADAMHA AIDS program announcements listed below is no longer valid. Applications submitted in response to ADAMHA AIDS program announcements must be received on the special receipt dates (May 2, September 1, January 2), and will be handled in accordance with the expedited procedures described in the earlier ADAMHA notice on expedited

review and award of investigator-initiated AIDS grants applications in the NIH Guide for Grants and Contracts (Vol. 17, No. 9, March 11, 1988). Applications received after the AIDS special receipt dates will be delayed until the next review cycle.

Applicants should also follow the instructions on number of application copies and IRB certifications and IACUC verifications which are described in the above notices on expedited review.

Alcohol, Drug Abuse, and Mental Health Aspects of Acquired Immunodeficiency Syndrome (MH 86-09)

Research Grants on Alcohol and Immunology Including Acquired Immunodeficiency Syndrome (AA 86-03)

Treatment of Intravenous Drug Abusers to Reduce the Spread of AIDS (DA 87-14)

Acquired Immunodeficiency Syndrome and the Prevention of Intravenous Drug Abuse (DA 87-10)

Drug Abuse Aspects of the Acquired Immunodeficiency Syndrome (DA 87-11)

For the National Institute of Mental Health (NIMH) Request for Applications (RFA) pertaining to AIDS Research Center Grants (MH-86-09), the June 1 deadline will be moved to Wednesday, May 25, 1988. Thereafter, AIDS Research Center applications must be received on the special AIDS receipt dates stated above or on dates specified in particular RFAs. NIMH plans to issue AIDS RFAs in targeted, substantive areas.

For further information about ADAMHA AIDS programs, applicants should contact:

Sue Badman, Ph.D.  
Deputy Director  
Division of Basic Research, NIAAA  
Room 14C-10  
Telephone: (301) 443-2530

Chief, Prevention Research Branch, NIDA  
Room 10A-20  
Telephone: (301) 443-1514

Clinical Medicine Branch, NIDA  
Room 10A-08  
Telephone: (301) 443-1801

Chief, Treatment Research Branch, NIDA  
Room 10A-30  
Telephone: (301) 443-4060

Ellen Simon Stover, Ph.D.  
Deputy Director  
Division of Basic Sciences, NIMH  
Room 11-103  
Telephone: (301) 443-3563

The mailing address for the above individuals is:

5600 Fishers Lane  
Rockville, Maryland 20857

#### APPLICATION ASSIGNMENT SUGGESTIONS

P.T. 34; K.W. 0710030, 1014002

Division of Research Grants

In accordance with the instructions for the application for a Public Health Service grant, PHS 398 Rev. 9/86 (see page 11), principal investigators of applications for research grants, research career development awards, and individual postdoctoral and senior fellowships may suggest the PHS component to which it could be appropriately assigned and up to three initial review groups (study sections) that they would prefer to have review their applications. These recommendations must be submitted in a letter of transmittal attached to the original copy of the application and should include justifications for each of the recommendations made. The Referral Section, Referral and Review Branch of the Division of Research Grants will consider these requests when determining the assignment.

Listings of the funding components and membership of review groups may be found in NIH Advisory Committees, a publication that is generally kept in libraries and offices of sponsored research.

NIH REGIONAL SEMINAR IN GRANTS ADMINISTRATION

P.T. 42; K.W. 1014002

National Institutes of Health

A two-day conference covering topics related to grants administration at the National Institutes of Health is planned for June 27-28 at Wellesley College in Wellesley, Massachusetts. The conference is targeted for an audience of researchers and research administrators at institutions in the Northeast region which includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont. Faculty and staff from small and minority colleges, for-profit research organizations, hospitals, universities, and research institutes are invited. This two-day conference has a dual focus of interest to both researchers and grants administrators. Discussions of current issues that affect NIH funding and grants administration are included to give conference participants a comprehensive, up-to-date view of NIH-sponsored research.

NIH staff will serve as faculty, representing several of the institutes, the Division of Research Grants, the Division of Research Resources, and the Office of the Director, NIH. Preparation of a proposal and the NIH review process are included as agenda topics, along with special concurrent sessions for less research-intensive institutions, case studies in grant applications, post-award grants administration, and current developments in Federal policy. Presentations will cover review trends, research facilities, manpower programs, financial management, the Florida Demonstration Project, and the revision to OMB Circular A-110. Policy and procedural issues affecting NIH grants administration form the core of the program and this should be of interest to faculty, departmental administrators, sponsored programs staff, and business management staff. NIH particularly encourages participation by four-year colleges and other less research-intensive institutions.

Conference materials will be mailed to institutions in the Northeast Region in mid-April with a deadline for conference registration on June 8. Elizabeth Lieberman at Wellesley College is in charge of conference arrangements. For more information, contact her or Kathleen Stackhouse at (617) 235-0320, Extension 2393.

The next scheduled NIH Regional Seminar in Grants Administration is November 28-29, 1988, in San Francisco, California. Information concerning this program will be forthcoming.

DATED ANNOUNCEMENTS (RFAs AND RFPs)

LEARNING DISABILITIES: MULTIDISCIPLINARY RESEARCH CENTERS

RFA AVAILABLE: 88-HD/NS-11

P.T. 04; K.W. 0710030, 0414005, 0715130, 0755030, 0415000

National Institute of Child Health and Human Development  
National Institute of Neurological and Communicative Disorders and Stroke

Application Receipt Date: September 20, 1988

SCIENTIFIC PROGRAM OBJECTIVES

The National Institute of Child Health and Human Development (NICHD), through the Human Learning and Behavior Branch (HLB), Center for Research for Mothers and Children (CRMC) and the National Institute of Neurological and Communicative Disorders and Stroke (NINCDS), through the Developmental Neurological Branch (DNB), Division of Convulsive, Developmental, and Neuromuscular Disorders (DCDND), jointly invite program project applications (POL) to develop new knowledge in the fields of etiology, diagnosis, prevention, treatment, and amelioration of learning disabilities. Program project applications must include research on basic biological and behavioral factors relevant to learning disabilities. Four to six program projects may be supported in response to this request for applications (RFA).

## MECHANISM OF SUPPORT

Multidisciplinary research on learning disabilities will be supported through the program project grant mechanism (P01).

For further information, potential applicants may call or write to:

David B. Gray, Ph.D.  
Health Scientist Administrator, Human Learning and Behavior  
Branch  
National Institute of Child Health  
and Human Development  
National Institutes of Health  
Executive Plaza North 633  
9000 Rockville Pike  
Bethesda, Maryland 20892  
Telephone: (301) 496-6591

or

Sarah H. Broman, Ph.D.  
Health Scientist Administrator, Developmental Neurology Branch  
Division of Convulsive, Developmental, and Neuromuscular  
Disorders  
National Institute of Neurological and Communicative  
Disorders and Stroke  
National Institutes of Health  
Federal Building, Room 8C06  
7550 Wisconsin Avenue  
Bethesda, Maryland 20892  
Telephone: (301) 496-5821

This program is described in the Catalog of Federal Domestic Assistance No. 13.865, Research for Mothers and Children and by Nos. 13.853 and 13.854, National Institute of Neurological and Communicative Disorders and Stroke. Awards will be made under the authority of the Public Health Service Act, Section 301 (42 USC241), and administered under PHS grant policies and Federal Regulations 42 CFR Part 52 and 45 CFR Part 74. This program is not subject to review by a Health Systems Agency.

## INVESTIGATION OF TISSUE COMPOSITION AND FUNCTION BY MRI USING PARAMAGNETIC AND/OR SUPERPARAMAGNETIC CONTRAST AGENTS

RFA AVAILABLE: 88-CA-10

P.T. 34; K.W. 0706030, 0765035

National Cancer Institute

Application Receipt Date: July 7, 1988

The Division of Cancer Treatment (DCT), of the National Cancer Institute (NCI), through the Diagnostic Imaging Research Branch of the Radiation Research Program, seeks applications for studies to improve and demonstrate the ability to visualize selected tissues and to characterize their composition and functional states by the employment of paramagnetic and/or superparamagnetic resonance imaging (MRI) contrast agents.

The primary objective of this RFA is to promote studies employing paramagnetic and superparamagnetic substances in the investigation of localization of tumors, tissue composition, tissue function, and quantitative measurement of normal and pathological processes, especially as these pertain to cancer. Although the principal focus of this RFA is predominantly on detection and diagnosis, diagnostic monitoring of treatment response is also an acceptable area of investigation. The employment of combined magnetic resonance imaging and spectroscopy in conjunction with contrast agents would also fall within the scope of this study. A variety of paramagnetic and superparamagnetic contrast agents have been developed and can be used in research and clinical applications as molecular probes for the identification of specific tissues and as agents to monitor pharmacokinetic behavior in the assessment of physiologic function and pathology.

The mechanism of support for this award is NIH grant-in-aid for a duration of three years. The estimated total budget for the first year of this program is \$400,000. It is anticipated that approximately three scientifically meritorious applications can be funded. This award is contingent upon the availability of funds. Non-profit organizations and institutions, governments

and their agencies, for-profit organizations, and individuals are eligible to apply. The present RFA announcement is for a single competition with a specified deadline of July 7, 1988.

Application for a Public Health Service Grant must be submitted on PHS 398 (Revised 9/86) form. Application kits are available from most institutional business offices or may be obtained from:

Division of Research Grants  
National Institutes of Health  
Westwood Building, Room 449  
Bethesda, Maryland 20892

Applications must be received by July 7, 1988. Applications received after that date will be returned. Also, the DRG will not accept any application in response to this RFA that is the same as one currently being considered by this or any other NIH Awarding Unit.

For copies of the complete RFA or for further information please contact:

Roger S. Powell, Program Director  
Diagnostic Imaging Research Branch  
Radiation Research Program  
National Cancer Institute, NIH  
Executive Plaza North, Suite 800  
9000 Rockville Pike  
Bethesda, Maryland 20892  
Telephone: (301) 496-9531

#### ONGOING PROGRAM ANNOUNCEMENTS

##### BASIC STUDIES IN BONE MARROW TRANSPLANTATION

P.T. 34; K.W. 0745065, 0705005, 0710125, 0760020

National Institute of Allergy and Infectious Diseases

The Immunology, Allergic and Immunologic Diseases Program (IAIDP) of the National Institute of Allergy and Infectious Diseases, a component of the National Institute of Health, invites grant applications for support of basic, preclinical studies in the area of bone marrow transplantation.

##### BACKGROUND INFORMATION

Bone marrow transplantation (BMT) is becoming an increasingly important therapeutic procedure for the treatment of a wide variety of diseases, including aplastic anemia, leukemia, congenital immunodeficiencies, and most recently, AIDS. However, even though BMT is unparalleled in its effectiveness in curing many fatal diseases, this technique suffers from several serious side effects, including graft-vs-host disease (GvHD) and prolonged immune deficiency following transplantation. To overcome the problem of GvHD, T cells have been removed from the donor inoculum prior to transplantation. This maneuver virtually eliminates GvHD, but results in two new complications, graft failure (i.e. graft rejection) and an increased rate of leukemic relapse. Further, even in the absence of GvHD, many BMT patients are susceptible to infections for as long as one year following transplantation, presumably due to impaired immune cell reconstitution.

##### RESEARCH GOALS AND SCOPE

The National Institute of Allergy and Infectious Diseases (NIAID) is soliciting investigator initiated research grant applications that would lead to characterization of the mechanisms underlying the induction of GvHD, BM engraftment, marrow rejection and/or the graft-vs-leukemia response. The proposed research may consist of in vitro studies, studies in animal models, or both, but must be preclinical in nature. Innovative approaches are sought and may address any aspect of bone marrow pretreatment, rejection, graft-vs-host reaction, immune cell reconstitution, the role of lymphokines or growth factors in marrow reconstitution and rejection, the role of cell surface structures in this process, and the influence of the thymus gland on engraftment.

##### MECHANISMS OF SUPPORT

The mechanism of support will be the individual research project grant (R01) and the First Independent Research Support and Transition (FIRST) award (R29).



Policies that govern research grant programs of the National Institutes of Health will prevail. The award of grants pursuant to this announcement is contingent upon receipt of highly original proposals of high scientific merit, responsiveness to this announcement, relevance to the program, and the availability of appropriated funds.

#### APPLICATION AND REVIEW PROCEDURES

Applicants should use the standard research grant application form PHS 398 (Rev. 9/86). For purposes of identification and processing, check yes on item 2 of the face page and enter the title: "BASIC STUDIES IN BONE MARROW TRANSPLANTATION". There are three receipt dates for new applications: February 1, June 1, and October 1. All applications will be assigned by the Division of Research Grants for review according to the NIH process for regular research grant applications. Applications recommended for approval will compete for available funds with all other approved applications assigned to the NIAID. A brief cover letter should be attached indicating submission is in response to the NIAID announcement. The original and six copies of the application should be submitted to:

Division of Research Grants  
National Institutes of Health  
Westwood Building, Room 240  
Bethesda, Maryland 20892\*\*

Applicants are requested to mail a copy of the face page to:

Dr. Jane S. Schultz or Dr. William Duncan  
Genetics and Transplantation  
Biology Branch, IAIDP  
National Institute of Allergy  
and Infectious Diseases  
Westwood Building, Room 754  
Bethesda, Maryland 20892  
Telephone: (301) 496-5598

Requests for additional information or questions regarding this program may be directed to either of the above.

\*\*THE MAILING ADDRESS GIVEN FOR SENDING APPLICATIONS TO THE DIVISION OF RESEARCH GRANTS OR CONTACTING PROGRAM STAFF IN THE WESTWOOD BUILDING IS THE CENTRAL MAILING ADDRESS FOR THE NATIONAL INSTITUTES OF HEALTH. APPLICANTS WHO USE EXPRESS MAIL OR A COURIER SERVICE ARE ADVISED TO FOLLOW THE CARRIER'S REQUIREMENTS FOR SHOWING A STREET ADDRESS. THE ADDRESS FOR THE WESTWOOD BUILDING IS:

5333 Westbard Avenue  
Bethesda, Maryland 20816