

NIH GUIDE

For Grants and Contracts

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U.S. DEPARTMENT OF HEALTH
AND HUMAN SERVICES

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The NIH Guide announces scientific initiatives and provides policy and administrative information to individuals and organizations who need to be kept informed of opportunities, requirements, and changes in extramural programs administered by the National Institutes of Health.

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NOTICES

SEMINARS FOR PHS GRANTEES 1
Division of Grants and Contracts
Index: GRANTS AND CONTRACTS

CERTIFICATION OF NON-DELINQUENCY ON FEDERAL DEBT 2
Public Health Service
Index: PUBLIC HEALTH SERVICE

DATED ANNOUNCEMENTS (RFPs AND RFAs)

CORE IMMUNOLOGY LABORATORY FOR AIDS VACCINE CLINICAL TRIALS (RFP) 5
National Institute of Allergy and Infectious Diseases
Index: ALLERGY AND INFECTIOUS DISEASES

NUTRITIONAL THERAPY OF INBORN ERRORS OF METABOLISM (RFA) 5
National Institute of Child Health and Human Development
National Institute of Diabetes and Digestive and Kidney Diseases
Index: CHILD HEALTH, HUMAN DEVELOPMENT, DIABETES, DIGESTIVE AND KIDNEY DISEASES

SPECIALIZED CENTERS OF RESEARCH (SCOR) IN HYPERTENSION (RFA) 6
National Heart, Lung, and Blood Institute
Index: HEART, LUNG, AND BLOOD

ONGOING PROGRAM ANNOUNCEMENTS

RESEARCH ON BEHAVIOR CHANGE AND PREVENTION STRATEGIES TO REDUCE
TRANSMISSION OF HUMAN IMMUNODEFICIENCY VIRUS (HIV) 7
National Institute of Mental Health
Index: MENTAL HEALTH

BRAIN, IMMUNE SYSTEM, AND BEHAVIORAL AND NEUROLOGICAL ASPECTS OF
HUMAN IMMUNODEFICIENCY VIRUS INFECTION 8
National Institute of Mental Health
Index: MENTAL HEALTH

RESEARCH ON THE PREVENTION OF ALCOHOL ABUSE AMONG CHILDREN,
ADOLESCENTS, AND YOUNG ADULTS 9
National Institute on Alcohol Abuse and Alcoholism
Index: ALCOHOL ABUSE AND ALCOHOLISM

CENTRAL NERVOUS SYSTEM EFFECTS OF HUMAN IMMUNODEFICIENCY VIRUS INFECTION:
NEUROLOGICAL, NEUROVIROLOGICAL, AND NEUROBEHAVIORAL STUDIES 11
National Institute of Mental Health
Index: MENTAL HEALTH

NOTICES

SEMINARS FOR PHS GRANTEES

P.T. 34; K.W. 1014002

Division of Grants and Contracts, OASH

The Office of Management and Budget revisions to Circular A-102 and the implementing regulations governing grants to State and local governments and Indian tribes will become effective this fall. The proposed revisions to Circular A-110 and implementing regulations governing grants to all other types of grantees are proposed to become effective in 1989. These changes will have a significant impact on the administration of PHS grants.

In order to assure that all PHS grantees are thoroughly familiar with these new and proposed requirements, the Public Health Service will be conducting a series of seminars for PHS grantees on the changes to OMB Circulars A-102 and A-110. The schedule for these seminars is as follows:

Wednesday, November 30* -

Old Federal Office Building, Room 406
50 United Nations Plaza
San Francisco, California
8:30 - 4:30 p.m.
(for grantees located in Federal Regions VIII, IX, X)

Tuesday, December 6 -

New York regional office
26 Federal Plaza, Room 305
New York, New York
9:00 a.m. - 4:00 p.m.
(for grantees located in Federal Regions I, II, III)

Thursday, December 8 -

Centers for Disease Control
Auditorium B
1600 Clifton Road
Atlanta, Georgia
9:00 a.m. - 4:00 p.m.
(for grantees located in Federal Region IV)

Tuesday, December 13 -

University of Chicago Hospitals
Dora Dee Lee Hall, Room 168
5841 South Maryland Avenue
Chicago, Illinois
9:00 a.m. - 4:00 p.m.
(for grantees located in Federal Regions V, VI, VII)

Because of space limitations in some of the locations, attendance will be limited to one person from each grantee organization. Also, because of security arrangements for access to Federal buildings, it will be necessary for individuals to make reservations for the seminar they wish to attend. Reservations may be made by writing to the following address:

Grants Policy Branch
Division of Grants and Contracts
Parklawn Building, Room 17A-45
5600 Fishers Lane
Rockville, Maryland 20857

Reservations should be made at least two weeks prior to the date of the seminar being attended.

If you are planning to attend the seminar in Chicago, a block of hotel rooms has been reserved at the Hilton at Hyde Park, 4900 South Lake Shore Drive, Chicago, at a special rate of \$69.00 per night for either a single or a double room. These rooms are reserved under the meeting name "PHS Meeting at the University of Chicago," and the block of rooms will be held until about mid-November. Reservations may be made directly with the hotel by calling area code 312-288-5800.

If you wish additional information about these seminars, please write to the Grants Policy Branch at the above address or telephone 301-443-1874.

Federal Region I - CT, ME, MA, NH, RI, VT
Federal Region II - NJ, NY, Puerto Rico, Virgin Islands
Federal Region III - DE, MD, PA, DC, WV, VA
Federal Region IV - AL, FL, GA, KY, MS, NC, SC, TN
Federal Region VI - AR, LA, TX, NM, OK
Federal Region VII - IA, KS, MO, NE
Federal Region VIII - CO, MT, ND, SD, UT, WY
Federal Region IX - AZ, CA, NV, American Samoa, Guam,
Hawaii, Rep. of the Marshall Islands, Rep. of Palau,
Fed. States of Micronesia, Northern Marianas
Federal Region X - AK, ID, OR, WA

* This seminar may be split into two identical sessions (8:30 a.m. - Noon and 1:00 p.m. - 4:00 p.m.) if the registration exceeds the seating capacity of the conference room.

CERTIFICATION OF NON-DELINQUENCY ON FEDERAL DEBT

P.T. 34, 22, 44; K.W. 1014002

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

A major goal of Office of Management and Budget Circular No. A-129, "Managing Federal Credit Programs," is the collection of delinquent Federal debt. Accordingly, APPLICANTS SUBMITTING APPLICATIONS FOR FINANCIAL ASSISTANCE FROM THE PUBLIC HEALTH SERVICE (PHS) AFTER NOVEMBER 30, 1988, ARE REQUIRED TO CERTIFY AS TO THEIR NON-DELINQUENCY ON FEDERAL DEBT.

Examples of Federal debt include delinquent taxes, audit disallowances, guaranteed or direct student loans, FHA loans, business loans, and other miscellaneous administrative debts. For purposes of this certification, the following "delinquent" definitions apply:

- o For DIRECT LOANS AND FELLOWSHIPS (WHETHER AWARDED DIRECTLY TO THE APPLICANT BY THE FEDERAL GOVERNMENT OR BY AN INSTITUTION USING FEDERAL FUNDS), a debt more than 31 days past due on a scheduled financial payment. (Definition EXCLUDES "service" payback under a National Research Service Award.)
- o For GUARANTEED AND INSURED LOANS, recipients of a loan guaranteed by the Federal Government that the Federal Government has repurchased from a lender because the borrower breached the loan agreement and is in default.
- o For GRANTS, organizations in receipt of a "Notice of Grants Cost Disallowance" which have not repaid the disallowed amount or which have not resolved the disallowance. (Definition EXCLUDES disallowances in an "appeal" status.)

Until application forms are revised to include a specific item concerning the applicant's Federal debt status, the following certifications are made an integral part of the PHS and NIH application forms for financial assistance.

APPLICATIONS FOR FELLOWSHIPS AWARDED BY THE PHS TO INDIVIDUALS

The individual signing the award application (FOR EXAMPLE, Item 15 on the face page of Form PHS 416-1 (Rev. 6/85), "Application for Public Health Service Individual National Research Service Award") is certifying that he/she is NOT delinquent on the repayment of any Federal debt. This certification is in addition to the APPLICANT CERTIFICATION AND ACCEPTANCE statement printed on the award application.

If you are delinquent on any Federal debt, please sign the application in the usual manner and attach an explanation to the application as follows:

- o Behind the CHECKLIST page, for competing applications;
- o Behind the APPLICATION FACE PAGE (page 1), for non-competing continuation applications.

APPLICATIONS OTHER THAN FOR FELLOWSHIPS AWARDED BY THE PHS TO INDIVIDUALS

The individual signing the grant application as the applicant organization's authorized representative (FOR EXAMPLE, Item 18 on the face page of Form PHS 398 (Rev. 9/86), "Application for Public Health Service Grant") is certifying that the applicant organization is NOT delinquent on the repayment of any Federal debt. The certification applies to the applicant organization, NOT to the person who signs as the authorized representative NOR to the principal investigator. This certification is in addition to the CERTIFICATION AND ACCEPTANCE statement printed on the grant application.

If the applicant organization is delinquent on any Federal debt, its authorized representative should sign the application in the usual manner and attach an explanation to the application as follows:

- o Behind the CHECKLIST page, for competing applications;
- o Behind the APPLICATION FACE PAGE (page 1), for non-competing continuation applications.

SPECIAL PROCEDURES FOR INDIVIDUALS APPOINTED UNDER INSTITUTIONAL TRAINING GRANTS

At present grantee organizations receiving institutional training grants (FOR EXAMPLE, T32 Institutional National Research Service Award; T35 National Research Service Award Short-Term Research Training) complete a Statement of Appointment of Trainee, Form PHS 2271, for each individual (trainee) appointed under such grants. The trainee also signs the appointment form. For trainees appointed under Institutional National Research Service Award Grants, a signed National Research Service Award Payback Agreement, Form PHS 6031, IF APPLICABLE, must be submitted with the appointment form before a stipend or other allowance may be paid.

Due to the requirement for certification of non-delinquency on Federal debt, the sponsoring institution and the PHS awarding component must share the responsibility for determining whether an appointee is eligible to receive support from a PHS training grant. This will be accomplished as follows:

1. Sponsoring institutions will continue to be responsible for making the initial determination that an appointee is eligible to receive support.
2. Appointees must complete and sign the Statement of Non-Delinquency on Federal Debt, Form PHS-T-600 (7/88). SEE SAMPLE FORM REPRODUCED BELOW. The PHS grant number should be shown on the form above the block calling for the individual's Social Security Number.
3. Sponsoring institutions will submit the following forms to the PHS awarding component for review.
 - (a) Statement of Appointment of Trainee, Form PHS 2271;
 - (b) Statement of Non-Delinquency on Federal Debt, Form PHS-T-600; AND, IF APPLICABLE,
 - (c) National Research Service Award Payback Agreement, Form PHS 6031.
4. Where the appointee's Statement of Non-Delinquency on Federal Debt discloses that he/she is delinquent on Federal debt, the PHS must review the explanation required to be provided on, or attached to, the form.
5. The PHS awarding component shall notify the sponsoring institution in writing of its decision regarding the approval of a prospective appointee where that individual's Statement of Non-Delinquency on Federal Debt discloses delinquency on Federal debt.

PHS CONSIDERATIONS WHERE DELINQUENCY IS DISCLOSED

Where the applicant discloses delinquency on debt to the Federal Government, the PHS shall (1) take such information into account when determining whether the prospective fellow/trainee/grantee organization is responsible with respect to that award/grant, and (2) consider not making the award/appointment/grant until payment is made or satisfactory arrangements are made with the agency to whom the debt is owed. Therefore, it may be necessary for the PHS to contact the applicant before an award/appointment/grant can be made to confirm the status of the debt and ascertain the payment arrangements for its liquidation. Applicants that fail to liquidate indebtedness to the Federal Government in a businesslike manner place themselves at risk of not receiving PHS financial assistance.

DATED ANNOUNCEMENTS (RFPs AND RFAs)

CORE IMMUNOLOGY LABORATORY FOR AIDS VACCINE CLINICAL TRIALS

RFP AVAILABLE: RFP-NIH-NIAID-AIDSP-89-9

P.T. 34; K.W. 0715120, 0740075, 0710070

National Institute of Allergy and Infectious Diseases

The NIAID, NIH, has a requirement to establish a core immunology laboratory to support the AIDS Vaccine Evaluation Units in their evaluation of candidate AIDS vaccines.

This NIAID-sponsored project will take approximately five (5) years to complete. A cost reimbursement contract is anticipated one (1) award is expected to be made.

This is an announcement for an anticipated Request for Proposal (RFP). RFP-NIH-NIAID-AIDSP-89-9 will be issued on or about November 8, 1988, with a closing date tentatively set for January 6, 1989.

Requests for the RFP should be directed in writing to:

Ann Linkins
Contract Management Branch
Westwood Building, 5333 Westbard Avenue, Room 707
National Institute of Allergy and Infectious Diseases
National Institutes of Health
Bethesda, Maryland 20892
Telephone: (301) 496-0195

To receive a copy of the RFP, please supply this office with three self-addressed mailing labels. All responsible sources may submit a proposal which will be considered.

This advertisement does not commit the Government to award a contract.

NUTRITIONAL THERAPY OF INBORN ERRORS OF METABOLISM

RFA AVAILABLE: 89-HD/DK-01

P.T. 34; K.W. 0415000, 0710095, 0715135, 0755020

National Institute of Child Health and Human Development
National Institute of Diabetes and Digestive and Kidney Diseases

Application Receipt Date: February 8, 1989

The Endocrinology, Nutrition and Growth Branch and the Mental Retardation and Developmental Disabilities Branch of the Center for Research for Mothers and Children of the National Institute of Child Health and Human Development (NICHD), and the Endocrine and Metabolic Diseases Program Branch of the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) invite research grant applications for studies on the nutritional therapy of inborn errors of metabolism.

BACKGROUND

In this context nutritional therapy is being defined broadly, so as to include treatments which restrict nutrients in the diet; or which supplement nutrients in the diet; or which provide in the diet exogenous substances which are metabolized as nutrients by being combined with substrates, products, or byproducts, thus facilitating their excretion. A number of inborn errors are treatable by dietary methods which ameliorate the most serious pathology but which do not lead to an optimal outcome. There are often difficulties in maintaining growth, and secondary dietary deficiencies may be produced. The treatments may be accompanied by unpleasant odors or be unpalatable. For other disorders no satisfactory dietary treatment has yet been devised.

This RFA has two goals:

(1) To improve the effectiveness of currently utilized nutritional therapies of inborn errors by making them safer, more palatable, and less likely to lead to secondary deleterious consequences.

(2) To develop new rational dietary therapies based on knowledge of pathogenesis.

MECHANISM OF SUPPORT

Support will be available through the traditional research grant (R01) or FIRST award (R29). Support for grants is contingent upon receipt of appropriated funds.

The number of awards will be influenced by the amount of funds available to the Institutes, by the overall merit of proposals, and by their relevance to program goals. It is anticipated that seven meritorious applications will be funded under this program.

APPLICATION PROCEDURE

Applications must be submitted on form PHS-398 (revised 9/86).

ADDITIONAL INFORMATION

Potential applicants should request detailed information about this request for applications by contacting:

Ephraim Y. Levin, M.D.
Medical Officer
Endocrinology, Nutrition and Growth Branch
Center for Research for Mothers and Children
National Institute of Child Health and Human Development
Executive Plaza North, Room 637
Bethesda, Maryland 20892
Telephone: (301) 496-5593

OR

Felix de la Cruz, M.D., M.P.H.
Special Assistant for Pediatrics
Mental Retardation and Developmental
Disabilities Branch
Center for Research for Mothers and Children
National Institute of Child Health and Human Development
Executive Plaza North, Room 631
Bethesda, Maryland 20892
Telephone: (301) 496-1383

OR

Robert Katz, Ph.D.
Metabolic Diseases Research Program Director
National Institute of Diabetes and Digestive
and Kidney Diseases
National Institutes of Health
Westwood Building, Room 607
5533 Westbard Avenue
Bethesda, Maryland 20892
Telephone: (301) 496-7997

SPECIALIZED CENTERS OF RESEARCH (SCOR) IN HYPERTENSION

RFA AVAILABLE: 89-HL-01-H

P.T. 04; K.W. 0715115, 1002004, 1002008

National Heart, Lung, and Blood Institute

Application Receipt Date: May 22, 1989

The Division of Heart and Vascular Diseases of the National Heart, Lung, and Blood Institute (NHLBI), NIH announces the availability of a Request for Applications. The NHLBI currently supports six (6) Hypertension SCORs. This RFA emphasizes the application of modern molecular and cellular technologies to the problems of hypertension research. This is not intended to deemphasize the clinical research components but rather to enhance the quality of research by capitalizing on the powerful new tools of molecular and cellular biology.

It is anticipated that approximately 6 SCORs will be funded under this RFA for a total annual cost (direct and indirect) for those SCORs of no more than \$10.7 million.

The program is open to all investigators. All applicants must propose both basic and clinical research. The requirements and formats for applications submitted in response to the announcement and copies of the RFA may be obtained from:

Stephen C. Mockrin, Ph.D.
Deputy Chief
Hypertension and Kidney Diseases Branch
Division of Heart and Vascular Diseases
National Heart, Lung, and Blood Institute
Federal Building, Room 4C12
Bethesda, Maryland 20892
Telephone: (301) 496-1857

ONGOING PROGRAM ANNOUNCEMENTS

RESEARCH ON BEHAVIOR CHANGE AND PREVENTION STRATEGIES TO REDUCE TRANSMISSION OF HUMAN IMMUNODEFICIENCY VIRUS (HIV)

P.T. 34; K.W. 0404000, 0715125, 0715120, 0411005, 0745055

National Institute of Mental Health, National Institute on Alcohol Abuse and Alcoholism, National Institute on Drug Abuse, National Institute of Child Health and Human Development, National Heart, Lung, and Blood Institute, National Institute on Aging, National Center for Nursing Research, Centers for Disease Control

The National Institute of Mental Health (NIMH), in collaboration with the National Institute on Alcohol Abuse and Alcoholism, National Institute on Drug Abuse, National Institute of Child Health and Human Development, National Heart, Lung, and Blood Institute, National Institute on Aging, National Center for Nursing Research, and Centers for Disease Control announce support for research to identify ways to foster changes in behaviors that place persons at high risk for infection by the AIDS virus. Relevant research is encouraged to improve knowledge and understanding of the distribution and determinants of risk behaviors and to determine which factors or combinations of factors are most successful in producing and sustaining behavior change, and under what conditions. Applicants may request support for up to 5 years. Applications in response to this announcement will be accepted under the Public Health Service receipt dates for AIDS applications, beginning January 2, 1989. Support is available through applications for a traditional research project, small grant, First Independent Research Support and Transition (FIRST) award, program project award, Research Scientist Development Award, Clinical Investigator Award, Physician Scientist Award, or research center grant. Potential applicants interested in obtaining further information should contact:

Ellen S. Stover, Ph.D.
AIDS Coordinator
National Institute of Mental Health
Room 17C-04, Parklawn Building
5600 Fishers Lane
Rockville, Maryland 20857
Telephone: (301) 443-7281

Zili Amsel, Sc.D.
Clinical Medicine Branch
Division of Clinical Research
National Institute on Drug Abuse
Room 10A-08, Parklawn Building
5600 Fishers Lane
Rockville, Maryland 20857
Telephone: (301) 443-1801

Donald Goodwin
Studies on AIDS Prevention Research Branch
Division of Clinical and Prevention Research
National Institute on Alcohol Abuse and Alcoholism
Room 16C-03, Parklawn Building
5600 Fishers Lane
Rockville, Maryland 20857
Telephone: (301) 443-1677

Wendy Baldwin, Ph.D.
Demographic and Behavioral Science Branch
Center for Population Research
National Institute of Child Health and Human Development
Room 611, Executive Plaza North
9000 Rockville Pike
Bethesda, Maryland 20892
Telephone: (301) 496-1174

Christine T. Parker, Ph.D.
Division of Blood Diseases and Resources
National Heart, Lung, and Blood Institute
Federal Building, Room 520
7550 Wisconsin Avenue
Bethesda, Maryland 20892
Telephone: (301) 496-4186

Marcia Ory, Ph.D., M.P.H.
Social Science Research on Aging
Behavioral and Social Research Program
National Institute on Aging
Building C, Room 5C32
9000 Rockville Pike
Bethesda, Maryland 20892
Telephone: (301) 496-3136

Janet Heinrich, D.P.H., R.N.
Extramural Programs
National Center for Nursing Research
Building 31, Room B1C02
9000 Rockville Pike
Bethesda, Maryland 20892
Telephone: (301) 496-0526

William Parra, M.S.
Assistant Deputy for Operations (AIDS)
Centers for Disease Control
Atlanta, Georgia 30333
Telephone: (404) 639-1374

BRAIN, IMMUNE SYSTEM, AND BEHAVIORAL AND NEUROLOGICAL ASPECTS OF HUMAN
IMMUNODEFICIENCY VIRUS INFECTION

P.T. 34; K.W. 0705010, 0705040, 0404000, 0715120, 0785110

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

The National Institute of Mental Health (NIMH), the National Institute of
Neurological and Communicative Disorders and Stroke (NINCDS), and the National
Institute of Child Health and Human Development (NICHD) invite grant
applications for research on the brain, immune system, and behavioral and
neurological aspects of human immunodeficiency infection through study of the
regulation of immune responses by behavioral processes operating through the
central nervous system and endocrine system and through examination of the
interactions among these systems in humans and animals in order to assess the
role of repeated stressful events on immune function. Applicants may request
support for up to 5 years. NIMH and NINCDS will accept applications in
response to this announcement under the Public Health Service receipt dates
for AIDS applications, beginning January 2, 1989. Support is available
through applications for a traditional research project, small grant, First
Independent Research Support and Transition (FIRST) award, program project
award, Research Scientist Development Award, Clinical Investigator Award, or
research center grant. Potential applicants interested in obtaining further
information should contact:

Ellen S. Stover, Ph.D.
AIDS Coordinator
17C-04, Parklawn Building
National Institute of Mental Health
5600 Fishers Lane
Rockville, Maryland 20857
Telephone: (301) 443-7281

A.P. Kerza-Kwiatecki, Ph.D.
Division of Demyelinating, Atropic, and Dementing Disorders 7550
Room 708
Institute of Neurological and Communicative Disorders and Stroke
National Institutes of Health
Bethesda, Maryland 20892
Telephone: (301) 496-1431

Delbert H. Dayton, M.D.
Genetics and Teratology Branch
Center for Research for Mothers and Children, NICHD
643B Executive Plaza North Building
6130 Executive Boulevard
Rockville, Maryland 20892
Telephone: (301) 496-5541

Norman Krasnegor, Ph.D.
Human Learning and Behavior Branch
Center for Research for Mothers and Children, NICHD
633C Executive Plaza North Building
6130 Executive Boulevard
Rockville, Maryland 20892
Telephone: (301) 496-6591

RESEARCH ON THE PREVENTION OF ALCOHOL ABUSE AMONG CHILDREN, ADOLESCENTS, AND YOUNG ADULTS

P.T. 34, AA; K.W. 0404003, 0745055, 0404000

National Institute on Alcohol Abuse and Alcoholism

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

BACKGROUND

Alcohol abuse among American youth constitutes a serious problem which is expressed in the preadolescent onset of drinking, heavy drinking among high school and college students, and alcohol induced accidents. Public awareness and social concern has led to the development of a variety of prevention strategies, many in school settings. Evaluations of these strategies suggest that school-based interventions, especially the more traditional didactic approaches, have not been particularly effective. In some cases increasing students' knowledge has even led to increased use of alcohol. The new approaches (teaching peer refusal and social skills, correcting perceptions of social norms) show some promise but are not uniformly successful. Attitude and behavior change has been more substantial in the highest-intensity, multi-modal programs, using peer or parent leaders, and "booster" sessions. Though costly, so-called "alternatives programs" that provide healthy opportunities for stimulation, learning, and recognition have shown limited success for special population groups such as juvenile delinquents. Prevention efforts on college campuses have yielded variable yet some what encouraging results. Multi-session efforts, preferably coupled with field experiences, have resulted in actual changes in drinking and/or drinking and driving behavior.

Since the previous research efforts have yielded equivocal results, there is much to learn about what prevention strategies might be more effective. There is also a need to address the methodological and design problems identified in previous studies. Applicants are strongly encouraged to involve statisticians and other methodologists in developing their proposals.

SPECIFIC OBJECTIVES

The objective of the proposed research is to reduce the incidence and prevalence of alcohol-related problems among youth as measured by behavior change. Investigators may focus on one or more of these problems, e.g., age of onset, frequency of drinking, and alcohol-related accidents. Indirect problems associated with alcohol consumption, such as poor school attendance, may also be considered if justified on the basis of relevancy. In addition, changes in cognition, beliefs, or expectations, and their relationships to behavior may be measured. If it is difficult to measure changes in alcohol abuse during the time frame of the study, proxy outcome measures may be proposed and justified. Some may prefer to focus on so-called precursors of later alcohol problems such as character traits or indicators of poor social adaptation; however, relevance must be proven as the investigator moves away from a focus on alcohol problems per se.

While the objective must be alcohol relevant, other health issues such as smoking, use of illegal substances, sexual practices, and/or nutrition may be addressed. A theoretical or pragmatic rationale for adopting the broad approach must be provided and a strong alcohol-specific component that is readily identifiable, traceable, and easily evaluated must be included. Investigators should be prepared for the possibility that the intervention may have unanticipated effects that could even exacerbate alcohol problems.

Grant applicants are urged to give added attention to the inclusion of girls, young women, and minorities in study populations and at sufficient numbers to guarantee generalization of the results, or provide a clear rationale for their exclusion.

RESEARCH INTERVENTIONS

While other ideas are welcome, the NIAAA is especially interested in grant applications directed at norm-setting as a preventive intervention for children, adolescents, and young adults by: parents and families; primary-care physicians and their staffs; youth peer groups; elementary and secondary public and private schools or school systems; colleges and universities; or other community organizations that have direct contact with children, adolescents, or young adults. Applications that propose interventions targeted toward combinations of these populations may also be submitted.

A norm is defined as an authoritative and binding standard for acceptable behavior. By communicating a specific set of expectations regarding acceptable and unacceptable behaviors, norms reduce ambiguity and provide structure in social situations. They can be stated to communicate the consequences for transgressions as well as rewards for adherence. For example, a school may communicate norms through set policies governing the (non)use of alcohol on the school grounds and resultant penalties.

The concept of norm-setting is meant to convey the idea of establishing new norms or manipulating existing norms through policy changes or program interventions. Other promising prevention strategies (interventions to enhance personal competency) may also be included with norm-setting. However, the independent and interdependent (synergistic) effects of the various strategies must be measurable.

Education institutions for the health professions are in an advantageous position to study the usefulness of norm-setting as a preventive intervention. Physicians and nurses in primary care must frequently provide information or assistance on alcohol problems. Under the rubric "anticipatory guidance," they may render timely preventive direction. Norm-setting may occur within the boundaries of medical practices and/or within the larger town or community of the physician.

The statutory authorities for anticipated awards are sections 301 and 510 of the Public Health Service Act (42 USC 251 and 290bb).

REVIEW PROCEDURES AND CRITERIA

The standard review procedures of the Alcohol, Drug Abuse, and Mental Health Administration will be followed for applications received in response to this announcement. Criteria to be used in the merit review include the following:

1. Significance of the research focus for preventing alcohol abuse among children, adolescents, and young adults;
2. Potential relevance of the research to the concept of norm-setting as a prevention strategy, or to an alternative concept that can be theoretically justified;
3. Evidence that the investigators are familiar with the state-of-the-art and existing knowledge gaps in their proposed area of research;
4. Degree of scientific rigor in the design and implementation of the study;
5. Adequacy of the methods used to collect and analyze data;
6. Qualifications and research experience of the principal investigator and other key research personnel;
7. Evidence of availability of facilities, resources, collaborative arrangements, and subjects appropriate to the goals of the research;
8. Adequacy of procedures to protect human subjects; 9. Appropriateness of budget estimates for the proposed research activities.

ELIGIBILITY

Applications may be submitted by public or private non-profit or for-profit organizations such as universities, colleges, hospitals, research institutes and organizations, units of state and local governments, and eligible agencies of the Federal Government. Women and minority investigators are encouraged to apply.

APPLICATION PROCEDURES

The standard research grant application form PHS 398 (revised 9/86) must be used to apply for these awards. When applying, type the name of this announcement, "Research on the Prevention of Alcohol Abuse Among Children, Adolescents, and Young Adults," on page 1, item 2, of PHS 398. State and local government agencies should use form PHS 5161-1 (revised 3/86).

Application kits containing the necessary forms and instructions (PHS 398) may be obtained from institutional business offices or offices of sponsored research at most universities, colleges, medical schools, and other major research facilities. Application forms may also be obtained from:

National Clearinghouse for Alcohol and Drug Information
Reference Department
P.O. Box 2345
Rockville, Maryland 20852
Telephone: (301) 468-2600

The signed original and six permanent, legible copies (original and two copies if using form PHS 5161-1) of the completed application and any appendices should be submitted to:

Division of Research Grants, NIH
Westwood Building, Room 240
Bethesda, Maryland 20892**

Potential applicants are encouraged to obtain a copy of the complete announcement and seek preapplication consultation. Please contact:

Jane A. Taylor, Ph.D.
Prevention Research Branch
Division of Clinical and Prevention Research
National Institute on Alcohol Abuse and Alcoholism
5600 Fishers Lane, Room 16C-03
Rockville, Maryland 20857
Telephone: (301) 443-1677

CENTRAL NERVOUS SYSTEM EFFECTS OF HUMAN IMMUNODEFICIENCY VIRUS INFECTION: NEUROBIOLOGICAL, NEUROVIROLOGICAL, AND NEUROBEHAVIORAL STUDIES

P.T. 34; K.W. 0705055, 0715120, 0404000

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

The National Institute of Mental Health (NIMH), the National Institute of Neurological and Communicative Disorders and Stroke (NINCDS), and the National Institute of Child Health and Human Development (NINCHD) invite applications for support of research on the role of the Human Immunodeficiency Virus (HIV) in the central nervous system and its consequent effects on behavior. Applicants may request up to 5 years of support. Support for applications submitted in response to this announcement will be through grants for individual research projects, program project grants, small grants, First Independent Research Support and Transition (FIRST) awards, Research Scientist Development Awards, research centers (NIMH), clinical research centers (NINCDS), and Clinical Investigator Development Awards (NINCDS). Applications in response to this announcement will be accepted under the Public Health Service receipt dates for AIDS applications, beginning January 2, 1989. Potential applicants interested in obtaining further information should contact:

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