

# NIH GUIDE

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## For Grants and Contracts

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NOTICES

NOTICE OF MEETING - THE HEALTH OF BIOMEDICAL RESEARCH INSTITUTIONS

P.T. 42; K.W. 1014002

National Institutes of Health

Notice is hereby given that the National Institutes of Health (NIH) will hold the first two of a series of regional public briefing meetings to be conducted under the auspices of the Advisory Committee to the Director, NIH, on "The Health of Biomedical Research Institutions." The purpose of the meetings is two-fold:

- 1 to provide current information concerning the activities of the NIH by describing the broad political context in which the NIH operates, discussing the Federal budget process as it affects the formulation of the NIH budget, demonstrating recent trends in the funding of NIH programs, discussing the broad strategies adopted by NIH to meet emerging needs, and describing new NIH policies and programs designed to achieve program objectives; and
- 2 to solicit through public testimony the views of biomedical researchers, university faculty and administrators, representatives of professional societies, and other interested parties concerning the impact of the Federal system of sponsored research on the health of biomedical research institutions.

The first meeting will be held on Thursday, November 5, 1987 from 8:30 a.m. to 5:00 p.m. at the University of California, Los Angeles. The second will be held on November 6, 1987 from 8:30 a.m. to 5:00 p.m. at the University of California, San Francisco. Notice of the time and location of additional meetings will be published later.

Following presentations by the Director, NIH, and his senior staff, a panel comprised of members of the Advisory Committee to the Director, NIH, representatives of NIH national advisory councils, and senior NIH staff will spend the remainder of the day receiving testimony from public witnesses. Each witness will be limited to a maximum of ten minutes. Attendance and the number of presentations will be limited to the time and space available. Consequently, all individuals wishing to attend or to present a statement at this public meeting should notify, in writing:

Jay Moskowitz, Ph.D.  
Executive Secretary  
Advisory Committee to the Director, NIH  
National Institutes of Health  
Shannon Building, Room 137  
Bethesda, MD 20892  
Telephone: (301) 496-3152

Those planning to make a presentation should file a one-page summary of their remarks with Dr. Moskowitz by September 30, 1987; a copy of the full text of these remarks should be submitted for the record at the time of the meeting. Please indicate which of the two meetings you plan to attend. Additional information may be obtained by calling:

Mr. Edward Lynch  
Division of Program Analysis  
Office of Program Planning and Evaluation  
National Institutes of Health  
Shannon Building, Room 235  
Bethesda, MD 20892  
Telephone: (301) 496-1454

DATED ANNOUNCEMENTS (RFPs AND RFAs AVAILABLE)

PRIMARY SCREENING OF HTLV III/LAV (HUMAN AIDS VIRUS)

RFP AVAILABLE: NCI-CM-87237-29

P.T. 34; K.W. 0780015, 0715120, 0715125, 0740020, 1002002

National Cancer Institute

The Biological Testing Branch (BTB) is seeking an organization to provide assistance in the primary screening of experimental agents utilizing the HTLV/LAV (human AIDS virus). An organization is sought which will supply the necessary equipment, personnel and facilities to maintain cell lines, virus, and, on a small scale, athymic mice, and conduct screening at the rate of 5,000 tests per year. Tasks will include maintaining and expanding one or more cell lines, the virus necessary to infect these cells, the preparation of experimental agents for testing and the collection and submission of data. Work will primarily involve cell culture, although approximately 10 percent of the effort may involve in vivo secondary testing utilizing the athymic mouse as host. It is anticipated that one cost-reimbursement contract, completion form, will be awarded as a result of the solicitation. This contract is planned to be incrementally funded over a five-year period. Because of the nature of the work involving live human immunodeficiency virus (HIV), offerors must show evidence at the time of proposal submission that P-3 level biocontainment facilities are available for use on this project. All responsible sources may submit a proposal which shall be considered by the National Cancer Institute.

It is expected that RFP No. NCI-CM-87237-29 for the above described work will be available to interested offerors on or about October 9, 1987, with a closing date for receipt of proposals on November 24, 1987.

Copies of the RFP may be obtained by written request to:

Clyde Williams  
Contracting Officer  
Treatment Contract Section,  
Research Contracts Branch  
National Cancer Institute  
Blair Building, Room 224  
Bethesda, MD 20892  
Telephone: (301) 427-8737

MAINTENANCE OF A NON-HUMAN PRIMATE BREEDING COLONY

RFP AVAILABLE: NICHD-CRMC-87-03

P.T. 34; K.W. 1002002, 0775020, 0404000

National Institute of Child Health and Human Development

The Pregnancy and Perinatology Branch, Center for Research for Mothers and Children, National Institute of Child Health and Human Development, has a requirement for the continued maintenance of a colony of subhuman primates of the species, Macacca Mulatta. The NICHD primate colony, currently located at the California Primate Center, maintains 335 animals to provide timed-mated pregnant females, random-mated pregnant females, embryonic and fetal materials, and neonates of known gestation and juveniles of known age to investigators supported by this Institute. After the transfer of the existing colony to the successful contractor, they will be expected to provide plans for colony enhancement, to minimize future inbreeding and to improve the breeding success of the colony. Plans also should be submitted for applied research in the areas of reproductive efficiency, refinement of pregnancy testing, and/or development of behavioral indices which promote effective social interactions to reduce mortality and morbidity related to fighting injury. Also to be included are areas such as better method of timing pregnancy and fetal sex determination.

The Request for Proposals, RFP NICHD-CRMC-87-03, will be issued on or about September 16, 1987. Responses to the RFP will be due on November 16, 1987.

Copies of the RFP may be obtained by sending a written request with a self-addressed label to:

Ms. Mya Nwe Hlaing  
Contracts Management Section  
Office of Grants and Contracts  
National Institute of Child Health and Human Development  
Landow Building, Room 6C29  
7910 Woodmont Avenue  
Bethesda, Maryland 20892

Requests for the RFP must cite the RFP number: RFP NICHD-CRMC-87-03

CANCER PREVENTION AND CONTROL RESEARCH SMALL GRANTS PROGRAM

RFA AVAILABLE: 87-CA-37

P.T. 34; K.W. 0715035, 0745055, 0710095, 0785055, 0403004, 0404019

National Cancer Institute

Application Receipt Date: December 10, 1987

The Division of Cancer Prevention and Control (DCPC) of the National Cancer Institute (NCI) invites Small Grants research applications in areas relevant to the cancer prevention and control program as noted below.

New as well as experienced investigators in relevant fields and disciplines (e.g. disease prevention and control, medicine, public health, health promotion, epidemiology, social work, nursing research, nutrition, health policy, health services research, and behavioral sciences (social psychology, health education, sociology, community organization)) may apply for small grants to test ideas or do pilot studies.

Up to 30 awards will be made under this RFA if funds are available. Under previous RFAs, 56 awards have been made.

RESEARCH GOALS AND PROGRAM DEFINITIONS

A Cancer Prevention and Control Research Small Grants Award is designed to encourage investigators from a variety of academic, scientific and public health disciplines to apply their skills to scientific investigations in the field of human cancer control intervention research.

Cancer control is defined as the reduction of cancer incidence, morbidity, and mortality through an orderly sequence from research on interventions and their impact in defined populations to the broad, systematic application of the research results.

Cancer control research studies are classified into one of five phases which represent the orderly progression noted in the above definition: (I) hypothesis development; (II) methods development and testing; (III) controlled intervention trials to establish cause and effect relationships; (IV) research in defined, human populations; and (V) demonstration and implementation studies. The Division is primarily interested in research on cancer control intervention in Phases II through V.

Within this small grant program, investigators may choose any of the full range of scientific approaches in their work.

Many studies and research designs may contribute to the design, implementation or evaluation of future phase III-V studies, e.g. descriptive baseline surveys, testing, modification and validation of surveys or program materials for use in the proposed population groups, testing of recruitment or compliance procedures for participants, etc. The research may occur in a variety of settings, such as communities, schools, health departments, worksites, etc. These investigators will become part of the new nationwide group of scientists pursuing cancer control research goals.

PROGRAM AREAS OF INTEREST

The National Cancer Institute has announced a goal and objectives for achieving a 50 percent reduction in the cancer mortality rate by the year 2000 (Greenwald, P., Sondik, E.J. Cancer Control Objectives For the Nation: 1985-2000. NCI Monograph No.2, 1986).

Cancer Control Program areas appropriate for research grants include HUMAN INTERVENTION research in the following areas:

- o Prevention (chemoprevention, diet and nutrition, and early detection)

- o Health promotion sciences (modifying personal, social and lifestyle and health care system factors which contribute to cancer prevention and control)
- o Smoking prevention and cessation
- o Cancer control operations research and evaluation
- o Applied epidemiology (using epidemiologic methods to determine the association between exposure to an INTERVENTION and its impact on disease)
- o Planning, epidemiologic and survey studies aimed at developing cancer control interventions
- o Applications research in modifying, feasibility testing, and adopting proven, state-of-the-art intervention programs and strategies from other research projects in state and local health agencies or other community settings. Also adaption of state and local health agency data bases for cancer control planning and evaluation.
- o Community oncology (improving the application of patient management and continuing care research advances into community settings)

#### EXCLUSIONS

Studies to determine the efficacy of chemotherapy, surgery, radiotherapy, and other primary treatment interventions are not considered cancer control research under this RFA. Other animal studies are not allowed.

#### ELIGIBILITY

Applicants may be established researchers, new investigators, qualified staff of public health departments and collaborating agencies, and predoctoral investigators. DISSERTATION research proposals are allowed.

The only INELIGIBLE applicants are those individuals who are or have previously been Principal Investigator on an NCI funded CANCER CONTROL grant or contract for more than TWO years.

#### MECHANISMS OF SUPPORT

Awards will be made as research grants. Total costs (direct plus indirect) must not exceed \$35,000. The duration of support is one year but may be longer (up to two years) if the \$ 35,000 funding limit is not exceeded for the entire project.

#### INQUIRIES

Copies of the complete RFA and additional information may be obtained from:

Carlos E. Caban, Ph.D.  
 Program Director for Cancer Control Research  
 Cancer Control Applications Branch  
 Division of Cancer Prevention and Control  
 National Cancer Institute  
 Blair Building, Room 4A01  
 9000 Rockville Pike  
 Bethesda, Maryland 20892-4200  
 Telephone: (301)427-8735

Prospective applicants are strongly encouraged to discuss their ideas with the Program Director to determine whether they fit within the definition and program guidelines of cancer control. PLEASE CONTACT THE PROGRAM DIRECTOR(S) BEFORE SUBMITTING A GRANT APPLICATION IF THERE IS ANY UNCERTAINTY ABOUT MEETING THE CRITERIA.

MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM

P.T. 44, FF; K.W. 0710030, 0720005

Division of Research Resources

Application Receipt Date: December 1, 1987

BACKGROUND AND OBJECTIVES

The Division of Research Resources (DRR), National Institutes of Health (NIH) currently plans to continue the Minority High School Student Research Apprentice Program in 1988.

The purpose of the program is to provide minority high school students with a meaningful experience in various aspects of health-related research in order to stimulate their interest in careers in science.

ELIGIBILITY

Eligible institutions are those that were awarded grants during the latest complete Federal fiscal year 1987 from either the Biomedical Research Support Grant (BRSO) Program or the Minority Biomedical Research Support (MBRS) Program, both of which are administered by DRR, NIH. Only one application for the Apprentice Program can be submitted by a component of an institution that is the recipient of both the BRSO and MBRS awards.

Students eligible for support under this program are those who (1) identify themselves as minority (i.e., Black, Hispanic, American Indian, Alaskan Native, Pacific Islander, or Asian); (2) are U.S. citizens or have a permanent visa; and (3) are enrolled in high school during the 1987-88 academic year. (Students who will graduate from high school in 1988 are eligible, as is a student who participated in a previous year - provided he/she is still enrolled at the high school level.)

MECHANISM OF SUPPORT

The mechanism of support for this program will be the NIH grant-in-aid. Support will be provided at a level of \$1,500 for each apprentice position allocated. No indirect costs will be paid. Direct support to the apprentice must be as salary; stipends are not allowed. Within the \$1,500 per student allocation, funds may also be utilized for supplies, extending the research experience, or if adequate funds exist, for the addition of an apprentice. However, funds from these grants may only be used for the costs of the apprentice program. The Program Director is responsible for recruitment and selection of the apprentices and assignment of each to an investigator. Recruitment and selection of students should emphasize factors of the students' motivation, ability and scholastic aptitude and accomplishments. In addition, consideration should be given to science teachers' recommendations and where possible the degree of parental commitment. Assignments should be made to investigators involved in health-related research who are committed to developing in the high school students both understanding of the research in which they participate and the technical skills needed.

APPLICATION

Eligible institutions should submit an application consisting of no more than:

- 1 A one-page letter stating the number of student positions requested, plus
- 2 An original and two signed and completed copies of the Grant Application Form, PHS 398 (Rev. 09/86) face page only.

Mark the "YES" box in item 2 and indicate the announcement title as "Minority High School Student Research Apprentice Program."

Mark items numbered 4, 5, 7, 8b, 10 and 14 Not applicable (N.A.). Complete item 8a with the total dollar amount of your request, which is the sum of the number of student positions requested times \$1,500 per student.

A one-page Program Director's report, and a one-page report for each student may be submitted at any time but these reports and a Financial Status Report will be required by May 31, 1989.

Please Note: Limited funds and increased requests for such student positions may restrict the final allocations by DRR to three or four students per eligible applicant institution. Upon recommendation of the National Advisory Research Resources Council, the Division will give preference in making awards to those institutions that can support a summer program having a "critical mass" of at least five or six students using institutional as well as DRR funds.

The applications should be submitted to:

Biomedical Research Support Program  
Division of Research Resources  
National Institutes of Health  
Building 31, Room 5B-23  
9000 Rockville Pike  
Bethesda, Maryland 20892

Inquiries can be made of Dr. Marjorie A. Tingle at the above indicated address or by calling (301) 496-6743.

The firm deadline for receipt of applications is December 1, 1987. Awards will be effective March 1, 1988, contingent upon availability of appropriated funds.

#### ONGOING PROGRAM ANNOUNCEMENTS

##### POSTDOCTORAL FELLOWSHIPS IN MOLECULAR BIOPHYSICS

P.T. 22; K.W. 0720005, 1013004, 0760070, 0790000

National Institute of General Medical Sciences

The National Institute of General Medical Sciences (NIGMS) would like to re-emphasize the availability of existing National Research Service Award (NRSA) individual postdoctoral fellowships to support training in the areas of biomolecular structure and the application of physical methods to biological systems. Examples of the research areas of interest include, but are not limited to, X-ray and NMR studies of macromolecules, theoretical analysis of protein dynamics, and high-resolution spectroscopy of active site structure. This announcement is prompted in part by the increasing demand for scientists trained in these areas.

NIGMS is interested in stimulating applications from individuals who wish to obtain postdoctoral training in the application of physical techniques to the study of biological systems at the molecular level. The NIGMS particularly wishes to encourage applications from those having doctoral training in disciplines such as physics, mathematics, and chemistry, who are interested in pursuing biologically related problems. It is understood that additional course work may be required to accommodate significant disciplinary shifts.

##### APPLICATION PROCEDURE

January 10, May 10, and September 10 are the annual receipt dates for individual NRSA applications. Application material is available from the Office of Grants Inquiries, Division of Research Grants, National Institutes of Health, Bethesda, Maryland, 20892.

##### STIPEND LEVEL

The stipend level for postdoctoral fellows is determined by the number of years of relevant postdoctoral experience at the time of appointment, and ranges from \$15,996 to \$30,000 per annum. In addition, the applicant institution may request up to \$3,000 per year for each postdoctoral fellow for essential support costs to the training program.

Awards will be subject to all the guidelines for NRSA awards. See NIH Guide to Grants and Contracts, Vol. 13, No. 1, January 6, 1984.

For further information please contact:

Dr. Marvin Cassman  
Director, Biophysics and Physiological Sciences Program  
National Institute of General Medical Sciences  
Bethesda, Maryland 20892  
Telephone: (301) 496-7463