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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.

Vol. 19, No. 35
September 28, 1990
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ADAMHA/NIH POLICY CONCERNING INCLUSION OF MINORITIES IN STUDY POPULATIONS

P.T. 34, FF; K.W. 1014002, 1014006

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

There are clear scientific and public health reasons for specifically including members of minority groups in study populations. Accordingly, the Alcohol, Drug Abuse, and Mental Health Administration (ADAMHA) and the National Institutes of Health (NIH) require that applications/proposals for clinical research must give appropriate attention to inclusion of minorities in study populations, unless compelling scientific or other justification for not including minorities is provided. For the purpose of this policy, minorities include U.S. racial/ethnic minority populations (specifically: American Indians or Alaskan Natives, Asian/Pacific Islanders, Blacks, and Hispanics), and clinical research includes human studies of etiology, treatment, diagnosis, prevention, and epidemiology of diseases, disorders and conditions, including but not limited to clinical trials and research on health service and its impact on disease. Grants, cooperative agreements, and contracts are covered by this policy.

This statement is published as a reiteration and further interpretation of the existing ADAMHA/NIH policy concerning inclusion of minorities in study populations. This policy was previously published in the NIH Guide for Grants and Contracts on September 25, 1987, Vol. 16, No. 32; January 15, 1988, Vol. 17, No. 2; and June 16, 1989, Vol. 18, No. 21. While the focus of this policy is on inclusion of minorities in general population studies, ADAMHA and NIH also encourage attention to gaps in knowledge about specific U.S. racial/ethnic minorities and health problems that significantly affect them. Examples of these problems include but are not limited to: cancer, substance abuse, heart disease and stroke, homicide and accidents, diabetes, infant mortality, and acquired immunodeficiency syndrome (AIDS). Addressing these gaps may be appropriate justification for focusing a particular study on a single racial/ethnic group.


Applicants for grants/cooperative agreements and offerors for contracts should be aware that in attempting to include minority groups in a particular study, attention must be paid to research design and sample size issues. ADAMHA and NIH recognize that it may not be feasible or appropriate in all research projects to include representation of the full array of U.S. racial/ethnic minority populations. However, applicants/offerors are urged to assess carefully the feasibility of including the broadest possible representation of minority groups.

In all applications or proposals for clinical research, applicants must describe the anticipated race/ethnic composition of the study population. In conducting peer review for scientific and technical merit, members of Initial Review Groups (IRGs)/Technical Review Groups (TEGs) will be instructed to evaluate the appropriateness of the proposed minority composition:

1) If there is insufficient attention to inclusion of minorities in a study design AND this affects the potential to answer the scientific question(s) addressed, that will be considered a weakness or deficiency and must be reflected in the assigned score given to the application/proposal, and in the summary statement of the review.

2) However, if an applicant proposes that there is justification for conducting a study where there will be limited minority participation or inclusion of only one racial/ethnic group, a strong scientific rationale or other well-supported justification must be provided. The IRG/TEG will be instructed to evaluate the merit of such justifications. Appropriate justification will not adversely affect the assigned score. The ADAMHA/NIH will not fund/award such applications unless the justification is compelling.

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3) For grant and cooperative agreement applications, if there is inadequate information on the study population to allow evaluation of the scientific question(s), the review will be deferred or the application returned.

It is important to note that the ADAMHA/NIH funding components will not fund/award grants, cooperative agreement, or contracts that do not comply with this policy.

NOTICE OF MEETING - ANIMAL WELFARE EDUCATION
P.T. 42; K.W. 0201011, 1014003

National Institutes of Health

The National Institutes of Health, Office for Protection from Research Risks, is cosponsoring with the University of Rhode Island on December 3-4, at the Newport Marriott in Newport, Rhode Island, an animal welfare education program that will focus on problems that concern small vs. large institutions.

The workshop is open to institutional administrators, members of Institutional Animal Care and Use Committees, laboratory animal veterinarians, investigators, and other institutional staff who have responsibility for high-quality management of sound institutional animal care and use programs.

CONTACT: The University of Rhode Island Conference Center - (401) 792-2170 or Mr. Kevin McAndrews
Vice Provost for Research Office
70 Low College Road
University of Rhode Island
Kingston, RI 02881
Telephone: (401) 792-2833

For information regarding this workshop or future workshops please contact:

Mrs. Roberta Sonneborn
Executive Assistant for Animal Welfare Education
Office for Protection from Research Risks
National Institutes of Health
Building 31, Room 5B59
9000 Rockville Pike
Bethesda, MD 20892
Telephone: (301) 496-7163

NOTICES OF AVAILABILITY (RFPs AND RFAs)

GENETIC MONITORING OF INBRED RODENTS

RFP AVAILABLE: NIH-ES-90-28
P.T. 34; K.W. 1002019, 1002002, 0780025, 0755010

National Institute of Environmental Health Sciences

The National Institute of Environmental Health Sciences (NIEHS), National Institutes of Health (NIH), is soliciting proposals from offerers having the capability for the genetic monitoring of inbred rodents. The objective of this project is to determine the genetic integrity of rodents used in the National Toxicology Program (NTP) chemical exposure studies. The contractor will be required to monitor up to 15 designated loci for each strain or hybrid by electrophoresis of erythrocyte lysates, kidney, liver, pancreas, and lung homogenates and serum proteins. Immunochemical methods may also be employed. The contractor will receive up to 900 inbred rodents per year at a rate of 20 mice and 10 rats per week (40 to 60 mice and 20 to 30 rats per month) for genetic monitoring by biochemical procedures. In addition, frozen tissues (usually kidneys) from approximately 300 mice/year (kidneys from 20 to 30 mice/month) will be shipped to the contractor by the NIEHS/NTP toxicology testing laboratories for genetic marker isozyme analyses. The contractor will be required to evaluate up to 200 inbred rodents/year by skin graft procedure. Based on the availability of methods, other inbred rodents such as hamsters may be included for genetic monitoring. The Government estimates that .55 professional person years and .95 technical person years will be required per year. This project will cover a five-year period. The estimated issue date
of RFP NIH-ES-90-28 is October 1, 1990, and responses will be due 45 days thereafter.

The Institute expects to make one award from this solicitation.

Requests for this solicitation should reference RFP NIH-ES-90-28 and should be forwarded to:

National Institute of Environmental Health Sciences
Contracts and Procurement Management Branch, OM
ATTN: Jo Ann Lewis
79 T.W. Alexander Drive, 4401 Building
P.O. Box 12874
Research Triangle Park, NC 27709

GRANTS FOR HEALTH SERVICES DISSERTATION RESEARCH, 1991

RFA AVAILABLE: HS-90-02
P.T. 34; K.W. 0730000, 1014006
Agency for Health Care Policy and Research
Application Receipt Date: January 24, 1991

BACKGROUND INFORMATION

The Agency for Health Care Policy and Research (AHCPR) was established in December 1989 by P.L. 101-239 as the successor to the National Center for Health Services Research and Health Care Technology Assessment (NCHSR). The Agency is charged with conducting research that will enhance the quality, appropriateness, and effectiveness of health care services. AHCPR announces a request for applications for doctoral dissertation research on topics related to the organization, delivery, financing, or quality of health care services.

RESEARCH GOALS AND SCOPE

The AHCPR Dissertation Grant Program provides funds to support doctoral dissertation research projects for doctoral students who have completed all university requirements for a doctoral degree except their dissertation. Grant support is designed to aid the career development of new health services researchers and to encourage individuals from a variety of academic disciplines and programs to study complex health services delivery problems. Research must be in the areas identified in section 902 of the Public Health Service Act. These include: the effectiveness, efficiency, and quality of health care services; outcomes of health care services and procedures, clinical practice, including primary care and practice-oriented research; medical care technologies, facilities, and equipment; health care costs, productivity, and market forces; health promotion and disease prevention; health statistics and epidemiology; and medical liability.

SCOPE OF AWARDS

The budget of an application must not exceed $20,000 in total direct costs for the entire project period. Expenses usually allowed under PHS research grants will be covered by AHCPR dissertation research grants. Dissertation grants are usually awarded for a period of 12 months or less but may be awarded for up to 17 months. Investigators who need 18 months or more to complete the research project will be required to submit a continuation application for support beyond the first 12 months. An investigator who receives support for dissertation research under a grant from AHCPR may not at the same time receive support under a predoctoral or fellowship grant awarded by any other agency of the U.S. Department of Health and Human Services.

MECHANISM OF SUPPORT

The mechanism of support will be the small grant (R03). Grants to support dissertation research will provide no more than $20,000 in total direct costs. Dissertation research grants will be administered in accordance with 42 CFR, Part 67, Subject A. Awards will depend on the availability of funds. AHCPR expects to fund about 10 to 20 dissertation research projects in 1991.

METHOD OF APPLYING

All applications for dissertation grants must be submitted on Form PHS-398 (rev. 10/88) in accordance with special instructions provided in the
September 1990 publication "Grants for Health Services Dissertation Research, 1991" and in the dissertation grant application kit.

Materials and application kits may be obtained from:

Office of Scientific Review
Agency for Health Care Policy and Research
5600 Fishers Lane, Room 18-A-20
Rockville, Md 20857
Telephone: (301) 443-3091

Applicants are encouraged to discuss the suitability of their research project by letter or by phone with AHCPR staff members or contact Mr. John Gallicchio, Director of the Office of Scientific Review at the above address and phone number.

The original and six copies of the application must be sent or delivered to:

Application Receipt Office
Division of Research Grants
National Institutes of Health
Westwood Building, Room 240
Bethesda, MD 20892

An application sent to any other address is likely to encounter a delay that may preclude its review.

ALL APPLICATIONS MUST BE RECEIVED BY DRG ON OR BEFORE THURSDAY, JANUARY 24, 1991. APPLICATIONS RECEIVED AFTER THAT DATE WILL BE RETURNED.

APPLICATION REVIEW

Awards are made on a competitive basis, and only those applications judged to be of highest merit will be awarded. Applications are reviewed by non-Federal experts, senior AHCPR staff members and other experts in the Federal Government. Because reviews are rigorous, considerable methodological detail is important in the narrative of the application. All elements of the application will be considered in the review process. Primary emphasis will be given to the scientific merit, feasibility, and relevance to AHCPR research areas as described in Section 902 of the Public Health Services Act and mentioned in the "Research Goals and Scope" above. Applications are reviewed to determine their suitability to review criteria in four major areas: problem significance, research design, personal qualifications and support structure, and budgetary appropriateness. Funding decisions will be announced about 5 months after submission. In FY 91, AHCPR plans to award between 10 and 20 dissertation research grants.

ONGOING PROGRAM ANNOUNCEMENTS

MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM

PA: PA-90-35
P.T. 44, FF; K.W. 0710030

National Center for Research Resources

Application Receipt Date: November 30, 1990

BACKGROUND AND OBJECTIVES

The National Center for Research Resources (NCRR), National Institutes of Health (NIH), currently plans to continue and expand the Minority High School Student Research Apprentice Program in 1991. 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.

In FY 1991, in addition to encouraging institutions to apply for an increased number of apprentices, the program is including a high school science teacher initiative. This new program extension will allow teachers who are members of a minority group, or who teach a significant number of minority students, to participate in a summer research project in order to update their knowledge and skills in modern research tools and techniques. Such a hands-on research experience should strengthen teaching skills and provide teachers the opportunity to bring back to the classroom a sense of the excitement of

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research, which should stimulate students to pursue scientific careers. A longer range goal is to establish year round links between science teachers, secondary school students, and biomedical researchers.

Please note, however, that expansion of the program in FY 1991 is contingent on the availability of appropriated funds. Thus, allocations may be reduced below the requested amount. Upon recommendation of the National Advisory Research Resources Council, the Center 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.

ELIGIBILITY

Eligible institutions are those that were awarded grants during the latest complete Federal fiscal year 1990 from either the Biomedical Research Support Grant (BRSG) Program or the Minority Biomedical Research Support (MBRS) Program. ALL ELIGIBLE INSTITUTIONS, INCLUDING THOSE NOT CURRENTLY FUNDED, ARE STRONGLY ENCOURAGED TO APPLY. Only one application for the Apprentice Program may be submitted by a component of an institution that is the recipient of both the BRSG 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 1990-91 academic year. (Students who will graduate from high school in 1991 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 (S03). Awards will be for one year. Awards will be effective March 1, 1991, contingent upon availability of appropriated funds. Support will be provided at a level of $2,000 for each student apprentice and $5,000 for each high school science teacher. Funds for ONE high school science teacher may be requested for EACH FIVE students requested and multiples thereof. No indirect costs will be paid. Direct support must be as salary; stipends are not allowed. Funds allocated may also be utilized for supplies, extending the research experience, or if adequate funds exist, for the addition of a student apprentice. However, funds from these grants may only be used for the costs of the apprentice program. The Program Director is responsible for the recruitment and selection of the apprentices, as well as the high school science teachers, and assignment of each to an appropriate investigator.

Students:

Recruitment and selection of students should emphasize factors including the students' motivation, ability, 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 increasing the high school student's understanding of research and the technical skills needed.

Teachers:

Recruitment and selection criteria should include: experience and teaching responsibilities, level of interest in participating in a research program, expected impact on their teaching programs, ability to stimulate minority students to pursue scientific careers, and future plans for continued interaction with the research institution.

METHOD OF APPLYING

Eligible institutions should submit an application consisting of no more than (a) a letter stating the justification for the number of student and teacher positions requested (preference will be given to those institutions with a demonstrated commitment and a documented history of encouraging students to pursue scientific careers); together with (b) the original and one signed and completed copy of the Grant Application Form, PHS 398 (Rev. 10/88) face page, page 4 "Detailed Budget for First 12-Month Budget Period Direct Costs Only," and checklist page only. The required pages of the PHS 398 application form should be completed according to instructions provided in the PHS 398 (Rev. 10/88) kit except for the following:
Item 1 - Leave blank.

Item 2 - Check the box marked "YES" and indicate the announcement title as "Minority High School Student Research Apprentice Program, PA-90-35."

Items 4, 5, 7b, 8, and 10 - Not applicable; do not complete.

Item 6, Dates of entire proposed project period - Enter 91-03-31 through 92-02-29.

Item 7a - Insert the total dollar amount of the request, which is the sum, from application page 4, of the number of student positions requested times $2,000 per student and $5,000 per teacher.

Item 14, Organizational component to receive credit towards a Biomedical Research Support Grant - Use this space to enter the code and the BRSG component and/or MBRS grant numbers on which eligibility for this Minority High School Student Research Apprentice Program application are based (no credit will be given for the S03 application).

Page 4, "Detailed Budget for First 12-Month Budget Period Direct Costs Only" - Using ONLY the Other Expenses category, enter on separate lines the number of students requested at $2,000 per student and the number of high school science teachers requested at $5,000 per teacher. Not more than one teacher position may be requested for each five student positions requested. Enter the sum of the amounts requested for each under the "TOTALS" column for the Other Expenses category and under "Total Direct Costs for First 12-Month Budget Period" at the bottom of the page.

The original and one copy of the signed Program Director's report and each student and teacher report should be submitted with the renewal application by November 30 in order that the data contained in these reports can be used by NCRR to decide about policies and future funding for the Minority High School Student Research Apprentice Program. These reports should also be submitted at the same time even if renewal support is not requested.

In any event, all reports including the Financial Status Report must be submitted to the NIH by the grantee institution no later than May 31, 1991 unless an extension of the budget period end date has been authorized in writing.

Mail the completed application by the November 30, 1990 firm deadline for receipt of applications to:

Office of Grants and Contracts Management
National Center for Research Resources
National Institutes of Health
Westwood Building, Room 849
5333 Westbard Avenue
Bethesda, MD 20892

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

This program is described in the Catalog of Federal Domestic Assistance, No. 13.337, Biomedical Research Support. Grants will be awarded under the authority of the Public Health Service Act, Section 301 (a)(3); Public Law 78-410 (42 USC 241) as amended, and administered under PHS grant policies and Federal Regulations 45 CFR 74 and the Guidelines for Minority High School Student Research Apprentice Program. This program is not subject to the intergovernmental review requirements of Executive Order 12372 or Health Systems Agency review.
HITCHINGS-ELION FELLOWSHIPS FOR JUNIOR U.S. SCIENTISTS
PA: PA-90-36
P.T. 22; K.W. 0720005, 0710030, 0404000
Fogarty International Center
Application Receipt Date: January 10 of each year

PURPOSE

The purpose of these fellowships is to promote scientific collaboration between British and American scientists in all fields of biomedical and behavioral research. The Hitchings-Elion Fellowships will support two years of collaborative research by a junior U.S. scientist at a sponsor's laboratory in the United Kingdom and a third year at a sponsor's laboratory in the United States.

BACKGROUND AND OBJECTIVES

The Hitchings-Elion Fellowships, named after the 1988 Nobel Laureates in Physiology and Medicine, provide support to junior U.S. scientists to conduct collaborative research in the United Kingdom. The program, which is a collaboration between The Wellcome Trust, The Burroughs Wellcome Fund, and the Fogarty International Center, National Institutes of Health, provides fellowship support for three years: two years in the United Kingdom and a third in a laboratory in the United States. The types of activity supported by these programs include collaboration in basic or clinical research and familiarization with or utilization of special techniques and equipment not otherwise available to the applicant. The programs do not provide support for activities that have as their principal purpose brief observational visits, attendance at scientific meetings, or independent study.

ELIGIBILITY

The applicant must be a U.S. citizen or permanent U.S. resident, hold a doctorate level degree in one of the clinical, behavioral, or biomedical sciences, and be within ten (10) years of the last doctoral degree.

ELIGIBLE COSTS

The Wellcome Trust will provide an annual stipend allowance with a base rate beginning at $12,792, which increases with years of experience to a maximum of $19,613, an additional yearly allowance depending on location in the United Kingdom, a special allowance for those working in London, research expenses for the fellow and up to three dependents, and a stipend for one year upon return to the United States at a level comparable, but not necessarily equivalent, to that received in the United Kingdom. The Burroughs Wellcome Fund will provide $7,500 per annum for research expenses in the United States. Third year support will not be available, through this program, at U.S. Government laboratories. Indirect costs will not be provided in either the United Kingdom or the United States.

REVIEW PROCEDURE AND CRITERIA

The administration of the program will be integrated into the administration of other Fogarty International Center fellowship activities and the application receipt and review processes of the Division of Research Grants, NIH. Application kits and information may be obtained from the Fogarty International Center at the address listed below. In addition to biographical data, references, and letters of invitation from the U.K. and U.S. sponsors, a description of the proposed activities in the U.K. and the U.S. and the benefit expected of the experiences will be required. While it is the applicant's responsibility to arrange for his or her research program with the U.K. and U.S. sponsors, it may be done directly or through correspondence by a senior U.S. scientist. In the United Kingdom, host institutions can include universities or government laboratories.

AWARD CRITERIA

Funding decisions will be made on the basis of the quality of the application as determined by peer review. Final decisions on awards will be made and announced by The Wellcome Trust.
METHOD OF APPLYING

Applications must be received at the Division of Research Grants, NIH, by January 10 of each year. Special application forms must be used and are available along with detailed instructions, from:

International Research and Awards Branch
Fogarty International Center
Building 31, Room B2C21
National Institutes of Health
Bethesda, MD 20892
Telephone: (301) 496-1653

Questions concerning the application review and award process may be referred to:

Dr. David Wolff
Chief
International Research and Awards Branch
Telephone: (301) 496-1653

LANGUAGE LEARNING IN DEAF CHILDREN

PA: PA-90-37
P.T. 34; K.W. 0715050, 0410001, 0414005

National Institute on Deafness and Other Communication Disorders

I. BACKGROUND

Hearing loss has a profound impact on how a child develops, particularly in the area of language. The term "deaf" is applied to children whose hearing impairment is so severe that they are not able fully to acquire spoken language without some assistive device, such as a hearing aid, cochlear implant, or tactile device. A large proportion of these individuals use a form of sign language as their primary mode of communication. A somewhat smaller group uses spoken English exclusively. Many use both.

The patterns of language acquisition in such children are still poorly understood. Research is needed to study the patterns of acquisition of American Sign Language and its relation to cognitive and psychosocial development among prelingually deaf children of deaf parents. In addition, patterns of language acquisition in deaf children exposed primarily to signing systems which model or support English also need to be documented.

Because deaf children of deaf parents constitute only a small proportion of the total population (perhaps five percent of the total), it is imperative to understand the patterns of language development in deaf children of hearing parents. Studies of the identification and description of patterns of speech and language acquisition in deaf children exposed primarily to oral language are also needed. Factors associated with successful acquisition of oral language need to be identified.

The purpose of the Program Announcement is to encourage research in language development in two different groups of congenitally deaf children: those with deaf parents and those with hearing parents. Such studies can directly or indirectly address such important issues as critical periods of language learning, characteristics of successful language users, and educational management and performance.

The Division of Communication Sciences and Disorders (DCSD) of the National Institute on Deafness and Other Communication Disorders (NIDCD) requests submission of individual research project grants (R01 or R29) to investigate language learning in congenitally deaf children. Studies of signed and/or spoken language acquisition are encouraged.

II. RESEARCH GOALS AND SCOPE

The NIDCD encourages investigations into the language learning of congenitally deaf children. Investigators are encouraged to develop single-investigator or interdisciplinary studies in the following areas, which are not exclusive:

- The impact of parental language abilities on language acquisition.
- Variations in the acquisition of specific syntactic, semantic, and/or pragmatic abilities, in signed vs. oral language.
Acquisition of manual communication in deaf children of hearing parents, including differences from deaf of deaf parents, as well as approaches and techniques for training of hearing parents of deaf children in the use of sign.

Nonlinguistic cognitive outcomes of early language exposure or deprivation, including aspects of cognition which may be differentially affected by different early experiences.

Variable associated with successful acquisition of manual or oral language skills.

Efficacy of early oral training protocols.

Development of measures for assessing oral or manual language acquisition in the preschool deaf child.

Oral vs. signed acquisition of prosody.

Comparison of acquisition of specific language abilities in differing signed systems, for example, natural signed languages, manually coded English (that is, forms of signed English), and fingerspelling.

Acquisition of speech, English, and reading skills by children enrolled in total communication, manual and oral education programs.

Critical periods for acquisition, with studies focusing on the effects of different ages of acquisition on speech and language abilities.

Applicants are required to include, where feasible and appropriate, women as well as men and minorities in the study of populations for all clinical research efforts and to analyze, where appropriate, differences between these populations. If women and minorities are not to be included, a clear rationale for their exclusion should be provided.

III. MECHANISMS OF SUPPORT

The support mechanism for grants in this area will be the individual research grant (R01) and the FIRST award (R29). Under these mechanisms, the principal investigator and any participating investigators will plan, direct, and perform the research.

IV. APPLICATION AND REVIEW PROCEDURES

Applications must be submitted on form PHS 398 (Rev. 10/88) using the instructions included in the application kit. These kits are available from the address cited below or from the Division of Research Grants, National Institutes of Health, Westwood Building, Room 449, Bethesda, Maryland 20892.

Receipt dates for new research project grant and FIRST award applications are February 1, June 1, and October 1.

On page 1 of form PHS 398, check "yes" in item 2 and type: NIDCD Announcement: "Language Learning in Deaf Children, PA-90-37". Use the mailing label provided in the application kit and mail the signed original and six exact copies to the Division of Research Grants (DRG).

Research project grant and FIRST award applications will be reviewed for scientific and technical merit by an appropriate study section in the DRG. Secondary review will be by an appropriate National Advisory Council.

For further information, potential applicants are encouraged to call or write to:

Judith A. Cooper, Ph.D.
Division of Communication Sciences and Disorders
National Institute on Deafness and Other Communication Disorders
Federal Building, Room 1C-06
7550 Wisconsin Avenue
Bethesda, MD 20892
Telephone: (301) 496-5061

This program is described in the Catalog of Federal Domestic Assistance No. 13.854, Biological Basis Research in the Neurosciences and Communicative Sciences, and No. 13.853, Clinical Basis Research in the Neurosciences and
Communicative Sciences. 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 CRF Part 52 and 45 CFR 74. This program is not subject to review by a Health Systems Agency.

**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