

# NIH GUIDE

# for GRANTS and CONTRACTS

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

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#### HAVE YOU MOVED?

If your present address differs from that shown on the address label, please send your new address to: Grants and Contract Guide Distribution Center, Division of Research Grants, NIH, Room 219, Westwood Building, Bethesda, Maryland 20014, and attach your address label to your letter. Prompt notice of your change of address will prevent your name from being removed from our mailing list.

The *GUIDE* is published at irregular intervals to provide policy and administrative information to individuals and organizations who need to be kept informed of requirements and changes in grants and contracts activities administered by the National Institutes of Health.

Supplements, printed on yellow paper, are published by the respective awarding units concerning new projects, solicitations of sources, and requests for proposals.

SPECIAL RESEARCH AWARDS

NATIONAL INSTITUTE ON AGING

**ANNOUNCEMENT**

This announcement is a revision of and thus supersedes the announcement in the *NIH Guide for Grants and Contracts*, Vol. 5, No. 6, p. 6, May 28, 1976.

The Special Research Award program of the National Institute on Aging (NIA) is designed to encourage newly trained investigators to become active in aging research during the formative stages of their careers. This is particularly important because of the small number of investigators currently committed to research in aging. To accomplish this goal, NIA will make available funds from its research grants program to provide support for meritorious basic or clinical research projects directed toward understanding the underlying causes of the aging process.

Areas of Interest The program supports meritorious research within the total area of the Institute's mandate: "biomedical, social, and behavioral research related to the aging process and the diseases and other special problems and needs of the aged." Thus, research can be supported over a broad range, from fundamental studies of the biology of the processes involved in aging, the medical aspects of health and aging, and relevant social and behavioral phenomena, to investigations that broaden the base of knowledge underlying adequate health services for the aging and aged. The Institute has special interest in the middle years of life, the transition between young adulthood and old age.

Specific research areas include cell biology, immunology, nutrition, metabolism, epidemiology, and demography of disease in the aging and the aged, special medical problems of the sturdy and frail elderly, organic brain disease, deleterious and beneficial effects of various degrees and types of exercise, special pharmacological problems of the aging and elderly, and menopausal and postmenopausal problems. Further, the Institute's interests extend to research on a variety of psychological processes including changes in cognitive and perceptual function, the psychological problems of retirement, widowhood, bereavement, isolation, and loneliness. Investigations are encouraged on the economic problems of the elderly, the effects of family style patterns on the aged, the roots of effects of age prejudice, and the consequences for older persons of governmental policies on housing, transportation, and health care.

CRITERIA FOR ELIGIBILITY

The research proposal must be

- a well-defined research project or pilot study to answer a specific scientific question but not be supplemental to a project supported by other funds,
- designed to lead to a significant level of accomplishment within a three-year period,

- of significant scientific merit,
- research which falls within the mission of the National Institute on Aging. The support of service not related to research is outside the Institute's mandate.

The investigator must

- have a doctoral degree or the common highest degree in a given field (e.g., M.S.W. or R.N.), plus appropriate research experience;
- be not more than seven years beyond the degree at the time of application;
- not be or have been a recipient of an NIH special fellowship, research career development award, nor the principal investigator on a Public Health Service research grant or contract;\*
- be able to devote at least 50% time to the project;
- be a citizen or non-citizen national of the U.S. or its possessions or territories, or have been lawfully admitted to the U.S. for permanent residence.

The applicant institution must

- through the chairperson of the sponsoring department, provide assurance that necessary facilities are available to pursue the project and that there is a commitment to the project for the duration of its study;
- assure that the applicant will be released from other responsibilities for the proportion of time and effort to be devoted to the project. A statement to this effect must be provided upon submission of the application.

SUPPORT PROVIDED BY THE GRANT

The Special Research Award grant will provide support for a period of up to three years in an amount not to exceed \$90,000 direct costs, of which no more than \$35,000 may be requested for any 12-month period.

These grants are not renewable and certain limitations are placed on items which can be supported, as in the previous version of the program.

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\*Trainees or postdoctoral fellows supported under NRSA may apply for a Special Research Award, but may not hold awards from the two programs concurrently.

Personnel

- Salary and fringe benefits for the principal investigator may be requested to the extent they reflect the time or effort devoted to the project. In no event, however, will the salary support of the investigator exceed \$18,000 per year from this grant. Salary and fringe benefits may be requested for technical assistants to the extent justified by the research effort.

Equipment

- Some specialized equipment central to the specific research effort may be requested. Large equipment should be available in the facility where the research is to be conducted.

Supplies

- The cost of supplies must be detailed and justified.

Travel

- Funds may be requested for travel to one relevant national meeting per year for the principal investigator.

Other Expenses

- All other expenses will be judged on an individual basis and must be clearly justified as necessary for the performance of the research effort.

Indirect Costs

- Indirect costs will be provided in accordance with established DHEW policies for regular research grants.

APPLICATION

Applications should be submitted on the regular research grant NIH Form 398. The application and the folder in which it is submitted should be clearly labeled Special Research Award Program, NIA. The application kit should be available at institutional central application control offices; if not, it may be obtained by writing to the Division of Research Grants, NIH, Bethesda, Maryland 20014.

Applications for the revised program may be submitted beginning November 1, 1977; thenceforth, applications must be submitted for the regular receipt dates of March 1, July 1, and November 1.

Questions or requests for further information should be directed to the Associate Director for Extramural and Collaborative Research Program, National Institute on Aging, NIH, Bethesda, Maryland 20014; telephone (301) 496-5534.

REQUEST FOR APPLICATIONS IN STUDIES ON  
NUTRITION IN RELATION TO HEALTH  
OF THE AGED AND AGING PROCESSES

**ANNOUNCEMENT**

The National Institute on Aging (NIA) was established in 1974 to conduct and support biomedical, social, and behavioral research and training related to the aging processes and the diseases and other special problems and needs of the aged. Research on nutrition will increasingly become one of the primary areas of research interest to NIA. The Institute wishes to encourage development and support of research on nutrition and aging because the health and well being of the elderly and processes of aging have been shown to be influenced by dietary intake of nutrients.

Currently, the research base on nutrition in the NIA is modest, and primarily limited to a few studies on nutritional status and requirements of the aged and the influence of dietary intake on physiologic responses or pathologic processes. The scope of responsibility for studies on nutrition encompasses the full spectrum of studies from basic nutritional influences on processes of aging to the effect of nutrition on health, psychologic, sociologic, and economic status.

In view of the importance of nutrition to the health and well being of the aged, and the influence of nutritional excess and deficiencies on processes of aging, the NIA wishes to encourage the submission of applications for grant support for the study of the effects of nutrition on the aged, as well as the effects of nutrition on the basic processes of aging. Several areas of research on nutrition and aging of interest to the NIA are identified below. Support is not limited to these areas. The areas are:

1. Nutritional status and requirements of the aged, particularly the influence of therapeutic modalities on nutritional status, i.e., amino acids, protein, vitamins, minerals, etc.
2. The effect of social, psychological, and economic factors on dietary intake.
3. The effects of dietary modification on health, longevity, pathologic processes and physiologic responses, particularly immune and endocrine response.
4. Nutrition, cellular structure and function as a function of age.
5. Identification and characterization of specific models for nutrition and aging research.

Applicants responding to this announcement should use NIH form 398 which is the standard grant application form for research project grants and follow the procedures described therein. Deadlines for the receipt of new grant applications to the Division of Research Grants, NIH, are November 1, March 1, and July 1. If additional information is needed by applicants prior to submission of their grant application, they should write to:

Don C. Gibson, D.V.M.  
Health Scientist Administrator  
Extramural and Collaborative Research Programs  
National Institute on Aging  
National Institutes of Health  
Room 5 C 27A, Building 31  
Bethesda, Maryland 20014

or call:

(301) 496-1033

CONSTRUCTION GRANT APPLICATIONS

**NOTICE**

NATIONAL CANCER INSTITUTE

The National Cancer Institute (NCI) announces that effective with receipt of Cancer Construction grant applications for the February 1, 1978, deadline, the maximum rate of Federal participation will be limited to \$4,000,000.

Also effective for this date is the limitation that no more than 50% Federal financial participation may be requested.

RESEARCH FELLOWSHIPS TO SWEDEN AND SWITZERLAND

**ANNOUNCEMENT**

The Fogarty International Center, National Institutes of Health, has been asked to announce that the Swedish Medical Research Council and the Swiss National Science Foundation will each make available in 1978 several research fellowships to qualified U.S. biomedical scientists for training in Sweden or Switzerland. Fellowships are awarded usually for a 12-month period to scientists in a formative stage of research careers, preferably with less than 10 years of post-doctoral experience, for training in basic or clinical areas of biomedical research. Applications must include a complete and explicit plan for the research training and evidence of acceptance by a training institution and preceptor. Stipend levels depend upon age and experience but range from approximately \$10,000 to \$14,000. Other benefits include travel costs and allowances for dependents.

Applications are processed and initially reviewed by the Fogarty International Center. The deadline for both Swedish and Swiss applications is January 1, 1978. Further information and application materials for either program may be obtained from The Scholars and Fellowships Program Branch, Fogarty International Center, National Institutes of Health, Bethesda, Maryland 20014.

NATIONAL CONFERENCE

ON

CLINICAL TRIALS METHODOLOGY

**NOTICE**

The National Institutes of Health is sponsoring a National Conference on Clinical Trials Methodology to be held on October 3-4, 1977, in the Masur Auditorium, the Clinical Center, National Institutes of Health, Bethesda, Maryland. The Conference is intended to bring together scientists involved in the design and conduct of clinical trials who come from a variety of disciplines, i.e., clinical medicine, statistics, epidemiology, and who work in a variety of disease areas. The program, which is described in detail below, includes many of the complex and unresolved issues inherent in the conduct of clinical trials.

No registration or notification of planned attendance is required. Individuals attending are responsible for their own travel costs and other expenses. Requests for additional information on the program should be addressed to Dr. Robert Gordon, Room 134, Building 1, National Institutes of Health, Bethesda, Maryland 20014. Questions concerning the administrative aspects of the Conference should be addressed to Mrs. Toby Levin, Room 2C15, Building 31, National Institutes of Health, Bethesda, Maryland 20014.

PROGRAM

Monday, October 3, 1977

INTRODUCTION: 9:00 a.m. - 9:15 a.m.

IMPORTANCE OF CLINICAL TRIALS AND STUDIES OF CLINICAL TRIALS:

Dr. Thomas Malone, Deputy Director, National Institutes of Health

WHEN AND HOW TO STOP A CLINICAL TRIAL

Chairman: Dr. Curtis Meinert, U. of Md. Sch. of Med.

- 9:15 - 9:30 Introductory Remarks . . . . . Dr. Meinert
- 9:30 - 10:10 When to Stop a Clinical Trial . . . . . Dr. Paul Meier,  
U. of Chicago
- 10:10 - 10:40 How to Stop a Clinical Trial . . . . . Dr. Christian P.  
Klimt, Dr. Paul Canner, U. of Md. Sch. of Med.
- 10:40 - 11:00 Coffee Break
- 11:00 - 11:30 Discussions . . . . . Michael T.  
Hamilton, Canon of Washington Cathedral; Jerome Cornfield,  
George Washington U.; Dr. Jeremiah Stamler, Northwestern U.  
Med. Sch.
- 11:30 - 12:30 General Discussion

Rapporteur: Dr. James H. Ware, National Institutes  
of Health