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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. 17, No. 17
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Vol. 17, No. 17, May 6, 1988

NOTICES

DATED ANNOUNCEMENTS (RFPs AND RFAs)

ONGOING PROGRAM ANNOUNCEMENTS

FEDERAL HUMAN NUTRITION RESEARCH AND INFORMATION MANAGEMENT (HNRIM) SYSTEM DATA BASE NOW AVAILABLE TO THE PUBLIC

P.T. 16; K.W. 0710095, 1004008

National Institutes of Health

The Human Nutrition Research and Information Management (HNRIM) system data base provides information on human nutrition research and research training activities supported in whole or in part by the Federal Government. The data base contains approximately 4,000 projects for each of fiscal years 1982-86, and includes the following types of information about each project:

- sponsoring organization
- project identifier numbers
- project title
- principal investigator
- organization name, address
- nutrition classification categories
- project abstract (does NOT include research results)
- percent related to nutrition
- fiscal year and start date

The data base may be purchased through the National Technical Information Service (NTIS), U.S. Department of Commerce (DOC), 5285 Port Royal Rd., Springfield, VA 22161, (703) 487-4807. Data are supplied on computer tape, suitable for use on an IBM-compatible mainframe or minicomputer, and the purchaser will need to create customized software in order to access the data. Those wishing to purchase the data base should contact NTIS directly, and should reference NTIS accession number PB88-161690/AS.

The HNRIM data base was developed in accordance with the National Agricultural Research, Extension, and Teaching Policy Act of 1977 (7 USC 3177). Participating agencies include the Department of Health and Human Services, the U.S. Department of Agriculture, the Veterans Administration, the Agency for International Development, the Department of Defense, and DOC-NOAA. The data base is maintained at the office of the Nutrition Coordinating Committee, National Institutes of Health, under the auspices of the Interagency Committee on Human Nutrition Research.

For further information contact NTIS, or:

HNRIM System Coordinator
c/o Nutrition Coordinating Committee
Building 31, Rm. 4B63
National Institutes of Health
9000 Rockville Pike
Bethesda, Maryland 20892
Telephone: (301) 496-9035

GUIDELINES FOR LABORATORY PERSONNEL WORKING WITH HUMAN IMMUNODEFICIENCY VIRUS

P.T. 16; K.W. 1002045, 0715175

National Institutes of Health

The Division of Safety, National Institutes of Health announces the availability of the Agent Summary Statement for Human Immunodeficienc Virus (HIV) and guidelines for laboratory personnel working with HIV. Included in this annotated version of "Biosafety in Microbiological and Biomedical Laboratories" are the recommended facilities, and practices and procedures for laboratory personnel working at Biosafety Level 2/3 and Biosafety Level 3. Biosafety Level 2/3 includes activities involving clinical specimens, body fluids and tissues from humans or inoculated animals. Guidelines for work conducted at Biosafety Level 3 involving industrial-scale, large-volume production or high concentrations and manipulation of concentrated HIV are also described.

To receive a copy, send your request to:

NIH/DS
HIV Laboratory Practices
Building 31, Room 1C05
Bethesda, Maryland 20892

SCIENCE SCHOLARS PROGRAM

P.T. 34; K.W. 1014002, 0901026

Division of Research Grants

The Division of Research Grants (DRG) is pleased to announce its Science Scholars Program. A small number of senior scientists from outside the Federal Government will have the opportunity to participate in analyses of extramural scientific merit review, in policy evaluation, and in the formulation of recommendations for DRG. Science scholars will work in DRG on short-term assignments, from 3 to 6 months.

ELIGIBILITY: Applicants for the Science Scholars Program may be basic or applied scientists or clinicians. They must, however, have had extensive biomedical or behavioral research experience and must have served on a DRG Study Section or equivalent NIH initial review group.

CONTENT OF PROGRAM: Science scholars will be involved in evaluations and analyses of peer review practices and trends using a variety of statistical databases and resources. It is expected that the Scholars will also confer widely with NIH staff and consultants. In addition to such reviews and analyses, the Scholars may formulate and present conclusions and recommendations on a broad range of issues affecting peer review. Studies may involve particular fields or disciplines or may be broad-based. Science Scholars will be encouraged to attend and participate in seminars related to peer review, science administration, and policy.

INVITATIONAL PROCESS: Developing a proposal for the Science Scholars Program is a joint effort involving prospective applicants and senior DRG staff. Individuals interested in this program should contact the Director or Deputy Director. A prospective applicant may have a specific project or study in mind or seek advice from DRG staff about possible projects. Before submitting a formal letter of application, applicants should have developed a specific plan or protocol.

REVIEW PROCESS: In accord with pertinent Federal personnel policies and regulations, the Director, DRG, will make recommendations or selections based on qualifications of the individual, the proposed study protocol, and the Division's priorities and resources.

APPOINTMENTS: Positions in the DRG Science Scholars Program may be filled by a variety of special temporary appointments. For example, the Intergovernmental Personnel Act (IPA) mechanism permits cost sharing arrangements to be negotiated between the participating parties and may be used for individuals seeking a sabbatical assignment.

Announcements of appointment will be publicized in relevant professional and scientific journals and, as appropriate, other media.

DRG CONTACTS:

Jerome G. Green, M.D.
Director
Division of Research Grants
Room 450, Westwood Bldg.
National Institutes of Health
Bethesda, Maryland 20892
Telephone: (301) 496-7211

Donald H. Luecke, M.D.
Deputy Director
Division of Research Grants
Room 448, Westwood Bldg.
National Institutes of Health
Bethesda, Maryland 20892
Telephone: (301) 496-7461

DATED ANNOUNCEMENTS (RFPs AND RFAs)

BIOMEDICAL WORKSHOP ON SUPERCOMPUTING TECHNIQUES

P.T. 42; K.W. 1004000

Division of Research Resources

Application Receipt Date: June 15, 1988

The Pittsburgh Supercomputing Center (PSC) is conducting a 4 and 1/2 day workshop on supercomputing techniques for biomedical researchers August 8-12, 1988. It is funded by a National Institutes of Health (NIH) grant from the Division of Research Resources' Biomedical Research Technology (BRT) Program.

The workshop is aimed at experienced FORTRAN programmers, but prior supercomputing experience is not necessary. The topics include an introduction to VMS (half-day, optional), the Cray-VAX interface, Cray job control, optimization techniques, an overview of available biomedical software, and a description of access paths to the PSC.

Travel, meals, and hotel accommodations are covered for academic participants under the grant. A limited number of openings for industrially-based biomedical researchers may be available for a fee of $1,000. THE DEADLINE FOR THE SUBMISSION OF APPLICATIONS IS JUNE 15, 1988. Enrollment is limited to twenty participants.

For application forms and additional information, call or write:

Cherolyn Brooks
User Services
Pittsburgh Supercomputing Center
4400 Fifth Avenue
Pittsburgh, Pennsylvania 15213
Telephone: (412) 268-5206
(800) 222-9310 - inside Pennsylvania
(800) 221-1641 - outside Pennsylvania

INHALATION REPRODUCTIVE TOXICITY TESTING

RFP AVAILABLE: NIH-ES-88-16

P.T. 34; K.W. 1007009, 1007002, 1007003, 0775030

National Institute of Environmental Health Sciences

The purpose of this project is to provide testing of inhaled chemical agents. This project consists of two phases. Phase I involves the testing of chemical agents for their potential to cause teratogenicity and developmental toxicity. Phase II involves the testing of chemical agents for their potential to cause reproductive toxicity. In order to be considered, an offeror must be capable of performing both phases. The types of chemicals to be tested may include, but not be limited to: industrial solvents, plasticizers, food preservatives and colorants, drugs, pesticides, and heavy metals. This project will cover a five-year performance period. The Government estimates that approximately 3.5 staff years of professional effort, 3.0 staff years of technical effort and 0.5 staff years of clerical effort will be required each contract year. One award will be made.

This is an announcement of an anticipated request for proposals.

RFP NIH-ES-88-16 will be issued on or about May 15, 1988 with a closing date for receipt of proposals of July 15, 1988.

Requests should reference RFP NIH-ES-88-16 and should be forwarded to:

National Institute of Environmental Health Sciences
ATTN: Elizabeth B. Ford
Contracts Management Office, OAM
79 T.W. Alexander Drive, 4401 Research Commons Building
P.O. Box 12874
Research Triangle Park, North Carolina 27709
Telephone: (919) 541-7893

PROGRAM PROJECTS ON THE BIOLOGY OF THE IMMUNE SYSTEM

RFA AVAILABLE: 88-AI-10

P.T. 34; K.W. 0705040, 1002000, 1002004, 1002008, 0710065

National Institute of Allergy and Infectious Diseases

Letter of Intent Receipt Date: May 27, 1988

Application Receipt Date: July 15, 1988

BACKGROUND INFORMATION

The Immunobiology and Immunochemistry Branch of the Immunology, Allergic and Immunologic Diseases Program of the National Institute of Allergy and Infectious Diseases (NIAID), supports fundamental studies on the structure and

function of the immune system to gain an understanding of immune response mechanisms at their basic cellular and molecular levels as they function in health and disease. Program Projects on the Biology of the Immune System represent an award mechanism which the Branch has employed to meet this objective. They are intended to support integrated, multidisciplinary, basic studies of immunologically-functional lymphocyte and other relevant cell populations. Thirteen such program projects are currently funded although support for two is scheduled to conclude in 1988. This request for applications is intended to encourage the development of proposals from collaborating investigators and to coordinate the submission and review of new and renewal program project applications.

RESEARCH GOALS AND SCOPE

The goal of these Program Projects is the attainment of a complete understanding of the structure and function of the immune system and its products, its interaction with other body systems, and full knowledge of the genetic and other factors which regulate its development and function. An ultimate practical application of this information is the use of selected cloned cells of the system, or their products, for the clinical care of reconstitution of immunodeficient individuals, to alleviate allergic states, to provide resistance to life-threatening infections and to correct aberrant or defective immunoregulatory mechanisms.

The scope of these program projects includes studies of every facet of the immune response, ranging from the initial step of antigen recognition to the final elaboration of immunologically distinctive products of specific immunocytes. Research currently supported by this mechanism was designed to expand knowledge of the morphologic and functional heterogeneity of lymphocyte populations and develop the capability for identification and selection of lymphocyte subpopulations, with specific immune reactivity or molecular composition, for use in somatic hybridization of such populations and selective production of specific, biologically active, lymphocyte products. Similar studies of macrophages, other accessory and effector cells, and networks of cells and molecules that affect the activation, differentiation and regulation of cells of the immune system are appropriate. Projects that involve improving the efficiency or scale of preparing and selecting hybridomas and other relevant cell lines for defined purposes, and projects designed to modify genes encoding immunologically relevant macromolecules to improve their biological efficiency, or diagnostic and therapeutic utility, are encouraged.

MECHANISM OF SUPPORT

Program project grants are awarded to an institution on behalf of a program director for the support of a broadly based, multidisciplinary, long-term research program which has a specific major objective or basic theme. A program project generally involves the organized efforts of groups of investigators who conduct research projects related to the overall program objective. The grant can provide support for the projects and for certain core resources shared by individuals where the sharing facilitates the total research effort. Each component project, supported under a program project grant, is expected to contribute and be directly related to a common theme. The projects should demonstrate an essential element of unity and interdependence. At least two awards are planned for 1988.

METHOD OF APPLYING

Before preparing an application, the prospective applicant should request a copy of the Information Brochure: Program Projects and Center Grants, NIAID, from:

Dr. Nirmal Das
Executive Secretary
Allergy, Immunology and Transplantation
  Research Committee
National Institute of Allergy
  and Infectious Diseases
National Institutes of Health
Westwood Building, Room 706
Bethesda, Maryland 20892
Telephone: (301) 497-7966

STAFF CONTACT

For further programmatic information and a copy of the detailed RFA, contact:

Joseph F. Albright, Ph.D.
Chief, Immunobiology and Immunochemistry Branch, IAIDP
National Institute of Allergy and Infectious Diseases
Westwood Building, Room 757
National Institutes of Health
Bethesda, Maryland 20892
Telephone: (301) 496-7551

Prospective applicants are encouraged to submit a one-page letter of intent that includes a descriptive title of the proposed research and identification of any other participating institutions. The Institute requests such letters by May 27, 1988, for the purpose of providing an indication of the number and scope of applications to be received. A letter of intent is not binding. It will not enter into the review of any application subsequently submitted and is not a necessary requirement for application.

Letters of intent should be directed to Dr. Albright at the address shown.

DEVELOPING AND IMPROVING INSTITUTIONAL ANIMAL RESOURCES

RFA AVAILABLE: 88-RR-03

P.T. 34; K.W. 1002002

Division of Research Resources

Application Receipt Dates: August 8, 1988 and December 1, 1988

BACKGROUND

As part of its mission to create, develop, and maintain animal resources needed by NIH-supported biomedical investigators throughout the Nation, the Division of Research Resources (DRR) is continuing its competitive grant program to help institutions upgrade and develop their animal facilities. DRR anticipates that $11.958 million may be available to support such improvement grants in Fiscal Year 1989.

RESEARCH GOALS AND SCOPE

Institutional animal resource improvement projects are awarded to assist biomedical research and educational institutions in the upgrading of their animal facilities and in the development of centralized animal care programs. A major objective is to enable institutions to comply with the USDA Animal Welfare Act and DHHS policies on the care and treatment of animals. These awards are limited to alterations and renovations (A&R) to improve laboratory animal facilities and related major resource equipment such as animal cages and cage washers. It is not the purpose of the improvement grant to provide general operating costs for the resource; e.g., funding for personnel, consumable supplies for routine animal care, etc. The projects are supported for one year, after which the applicant institution is expected to assume complete financial responsibility for its basic animal resource.

To gain approval and support, both the need for resource improvement and a sound plan to meet the requirements of the Public Health Service Policy on Humane Care and Use of Laboratory Animals must be presented and described in the context of the biomedical research and research training program of the institution.

ELIGIBILITY AND REVIEW

Any domestic public, or private institution, organization or association with one or more research projects supported by the Public Health Service and involving the use of animals is eligible to apply. Applicants are expected to develop a single proposal for campus-wide service.

Applications will be received by the Division of Research Grants. Applicants must use PHS Form 398 (Rev. 9/86), "Application for Public Health Service Grant." The following receipt dates have been established: August 8, 1988 and December 1, 1988. Applications received after these dates will be returned without further processing. The RFA label available in the PHS Application Form 398 (revised 9/86) must be affixed to the bottom of the face page. Failure to use this label could result in delayed processing of the application such that it may not reach the review committee in time for review. All applications submitted in response to this RFA will be reviewed by the DRR Animal Resources Review Committee (ARRC) for scientific merit and the National Advisory Research Resources Council (NARRC) for program considerations. Applications meeting the August 8, 1988, deadline will

receive initial review by the ARRC in November 1988, and final review by the NARRC in February 1989. Applications meeting the December 1 deadline will receive initial review by the ARRC in March 1989, and final review by the NARRC in June 1989. All applications will be in consideration through the June 1989 Council.

MECHANISM OF SUPPORT

Awards will be made as competitive resource grants for a project period of one year. It is expected that from 30 to 40 awards will be made in Fiscal Year 1989. The number of grants and the specific amount of awards will depend on the merit and scope of the applications received as well as the availability of funds. All policies and requirements which govern the grant programs of the PHS apply.

TERMS OF AWARD

Alterations and renovations (A&R) are limited to a maximum award of $500,000 from this grant program. Equal matching funds from non-Federal sources are required for all A&R. In addition to the A&R request of up to $500,000, institutions may request major equipment items for their animal resource on a nonmatching basis. Support for new construction is not authorized. Funds awarded for A&R may not be obligated until final architectural drawings, specifications, and updated cost estimates are received and approved by the Division of Research Resources.

INQUIRIES

A copy of the complete RFA, which describes the research goals and scope, terms and conditions, review procedures and criteria, and method of applying, may be obtained by contacting the Animal Resources Program, DRR:

Leo A. Whitehair, D.V.M., Ph.D.
Director
Laboratory Animal Sciences Program
Animal Resources Program Branch
Division of Research Resources
National Institutes of Health
Building 31, Room 5B59
Bethesda, Maryland 20892
Telephone: (301) 496-5175

This program is described in the Catalog of Federal Domestic Assistance No. 13.306, Laboratory Animal Sciences Primate Research. Awards will be made under the authority of the Public Health Service Act, Title III, Section 301 (Public Law 78-410, as amended; 42 USC 241) and administered under PHS grant policies and Federal Regulations 42 CFR Part and 45 CFR Part 74. This program is not subject to the intergovernmental review requirements of Executive Order 12372 or Health Systems Agency review.

MYCOLOGY RESEARCH UNITS

RFA AVAILABLE: 88-AI-11

P.T. 34; K.W. 1002029, 0715125, 0710030

National Institute of Allergy and Infectious Diseases

Letter of Intent Receipt Date: August 15, 1988
Application Receipt Date: October 14, 1988

BACKGROUND INFORMATION

The National Institute of Allergy and Infectious Diseases (NIAID) invites applications for program project grants to be initiated during FY 1989 for participation in an ongoing program of research in Mycology. The fungi of medical importance include, but are not limited to, Coccidioides immitis, Histoplasma capsulatum, Blastomyces dermatitides, Cryptococcus neoformans, Candida albicans, and Aspergillus fumigatus. An active research program in mycology and related areas is of crucial importance to help resolve the serious public health problem of fungal disease.

RESEARCH GOALS AND SCOPE

A. The NIAID proposes to maintain its program initiative in mycology and fungal disease research. The goal of this program is to increase the knowledge of the biology of the causal microorganisms

and of host-parasite interactions. This fundamental knowledge will then be applied to development and improvement of means of diagnosis, prevention, and therapy of these infections.

B. The NIAID wishes to develop multidisciplinary mycology research units to serve as foci for research in fungal diseases. These units will be funded as program project grants. Studies of interest include, but are not limited to the following areas of mycology research: virulence, epidemiology, immunology, pathogenesis, diagnosis, and chemotherapy. It is desirable that a strong clinical component be made a part of any program project application.

MECHANISM OF SUPPORT

Applications considered appropriate responses to this announcement are those for research program projects (P01). The NIAID plans to support at least two awards contingent on the overall merit of the proposed research and the availability of funds. NIAID is presently funding two Mycology Research Units, whose support terminates on August 31, 1989. Support of new Mycology Research Units or continuation of existing units will be on a competitive basis. It is estimated that the direct costs for each of the research units will be approximately $450,000 per year. Up to five years of support is anticipated.

The initial review for scientific and technical merit will be made by a review group to be convened by the Program Project Review Branch, NIAID; secondary review will be made by the National Advisory Allergy and Infectious Diseases Council. Funding decisions will be based upon relative scientific merit, program relevance, and availability of appropriated funds. The receipt date for applications will be October 14, 1988. Formal applications that are not received by October 14, 1988 or are considered to be non-responsive to the RFA will be returned to the investigator. The earliest possible start date will be July 1, 1989.

STAFF CONTACT

For further information and for a detailed copy of this RFA, investigators are encouraged to contact:

Darrel D. Gwinn, Ph.D.
Mycology Program Officer
Bacteriology and Virology Branch
National Institutes of Health
Westwood Building, Room 738
Bethesda, Maryland 20892
Telephone: (301) 496-7728

ASTHMA AND ALLERGIC DISEASE CENTERS

RFA AVAILABLE: 88-AI-09

P.T. 04; K.W. 0715110, 0705040, 0710030

National Institute of Allergy and Infectious Diseases

Application Receipt Date: October 14, 1988

BACKGROUND INFORMATION

The Asthma and Allergy Branch of the Immunology, Allergic and Immunologic Diseases Program of the National Institute of Allergy and Infectious Diseases (NIAID) sponsors fundamental and clinical research concerned with asthma, allergic and immunologic diseases and with relevant mechanisms of hypersensitivity and inflammation. For this purpose, twelve Asthma and Allergic Disease Centers (AADC) are currently funded; support for one is scheduled to conclude in 1989. This request for applications (RFA) is intended to encourage submissions from clinical investigative groups meeting the criteria and requirements for an AADC and to coordinate review of new and renewal applications thus providing equitable opportunity for both to compete for funds currently available for this programmatic activity.

RESEARCH GOALS AND SCOPE

The fundamental objective of the NIAID's AADC program is to foster acceleration of the application of knowledge on the immune system emerging from relevant biomedical sciences to clinical hypersensitivity disorders.

Especially sought as the requisite factors within a participating institution are quality research in: (a) basic science(s), (b) clinical investigation supported by adequate clinical facilities and staff expertise in diagnosis and management of asthmatic and allergic patients, and (c) access to (an) appropriate patient population(s) within a suitable academic/investigative environment designed to favor multidisciplinary interaction.

The scope of the AADC program represents an effort to foster collaborative approaches that will integrate basic concepts in allergy, immunology, pathophysiology, genetics, microbiology, biochemistry, biostatistics, bioinstrumentation, computer science and pharmacology into clinical investigations, which, in addition to the fields of allergy and clinical immunology, may include such areas as dermatology, rheumatology, infectious diseases, pulmonary medicine, hematology, and otorhinolaryngology, when a high degree of relevance to immunology exists. Because the role of hypersensitivity and immune-related inflammatory mechanisms has become increasingly evident in disorders of the skin, immunodermatologic studies are especially encouraged within an AADC. Because of the alarming increase in asthma mortality since 1979, studies are also sought to examine this trend.

Program objectives are: to encourage collaboration between basic and clinical scientists; to provide a research environment favorable for such interaction; and to implement clinical application of adequately tested research findings and procedures.

In addition, a feature of the AADC program is the opportunity for directors to implement educational or community activities. Within the research framework of the center, a variety of outreach and demonstration projects may be supported.

MECHANISMS OF SUPPORT

AADC grants are awarded to an institution on behalf of a program director for the support of a broadly based, multidisciplinary, long-term research program which may have a specific objective or basic theme, or may involve the integration of several themes. An AADC generally involves the efforts of groups of investigators who conduct research related to the overall program objective. The grant can provide support for the projects and for certain core resources shared by individuals where the sharing facilitates the total research effort. Each component project supported under an AADC grant is expected to contribute to, and be directly related to, a common theme; the component projects should demonstrate an essential element of unity and interdependence. In fiscal year 1989, the NIAID plans to fund at least one new or competing renewal Asthma and Allergic Disease Center application, depending on the availability of funds.

METHOD OF APPLYING

Before preparing an application, the prospective applicant should request a copy of the NIAID Information Brochure on Program Projects from:

Dr. Nirmal Das
Executive Secretary
Allergy, Immunology and Transplantation
  Research Committee
National Institute of Allergy and
  Infectious Diseases
National Institutes of Health
Westwood Building, Room 707
Bethesda, Maryland 20892
Telephone: (301) 496-7966

STAFF CONTACT

A more detailed RFA may be obtained from:

Dorothy D. Sogn, M.D.
Chief, Asthma and Allergy Branch
Immunology, Allergic and Immunologic
  Diseases Program
National Institute of Allergy
  and Infectious Diseases
Westwood Building, Room 752
Bethesda, Maryland 20892
Telephone: (301) 496-8973

Prospective applicants are encouraged to submit a one-page letter of intent that includes a descriptive title of the proposed research and identification

of any other participating institutions. The NIAID requests such letters by June 15, 1988, for the purpose of providing an indication of the number and scope of applications to be received. A letter of intent is not binding. It will not enter into the review of any application subsequently submitted and is not a necessary requirement for application. Letters of intent and inquiries should be directed to Dr. Sogn at the above address.

THE RFA LABEL AVAILABLE IN THE 9/86 REVISION OF APPLICATION FORM 398 MUST BE AFFIXED TO THE BOTTOM OF THE FACE PAGE. FAILURE TO USE THIS LABEL COULD RESULT IN DELAYED PROCESSING OF YOUR APPLICATION SUCH THAT IT MAY NOT REACH THE REVIEW COMMITTEE IN TIME FOR REVIEW.

DIABETES CENTERS

RFA AVAILABLE: 88-DK-13

P.T. 04; K.W. 0715075, 0785035, 0785055, 0403004, 0404000

National Institute of Diabetes and Digestive and Kidney Diseases

Application Receipt Date: November 16, 1988

The National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) invites applications for a Center grant to be awarded in Fiscal Year 1989. NIDDK anticipates the competitive award of one Diabetes Research and Training Center (DRTC) in Fiscal Year 1990.

BACKGROUND

At the present time, the NIDDK supports six DRTCs. These centers are part of an integrated program of diabetes-related research support within the NIDDK. Centers have provided a focus for increasing the efficiency and collaborative effort among groups of successful investigators at institutions with established comprehensive diabetes research bases.

OBJECTIVES AND SCOPE

The objective of the DRTCs is to bring together investigators from relevant disciplines in a manner which will enhance and extend the effectiveness of research and training being conducted in the field of diabetes and its complications. A Diabetes Center must be an identifiable unit within a single university medical center or a consortium of cooperating institutions, including an affiliated university. The overall goal of the DRTC is to bring together on a cooperative basis, clinical and basic science investigators and those involved in diabetes training and information transfer in a manner which will enrich the effectiveness of diabetes research, training, and information transfer. When fully developed, the DRTCs are expected to encompass the following: 1) facilitating and strengthening basic and clinical research related to diabetes and its complications; 2) training postdoctoral fellows to conduct diabetes-related research; 3) training health professionals about diabetes and its management; 4) developing a model demonstration facility to contribute to the above endeavors; and, 5) transferring advances in the field of diabetes into improved care for people with diabetes. All of these areas need not be developed to the same degree. However, a strong base of biomedical research is the most important function of a center. Accordingly, a program of excellence in biomedical research in the area of diabetes and related metabolic and endocrine disorders in the form of NIH-funded research projects, program projects, or other peer-reviewed research must be in existence at the time of submission of a Center application. Close cooperation, communication, and collaboration among all involved personnel of all professional disciplines are ultimate objectives. Applicants should request a copy of the DRTC guidelines and consult with NIDDK staff concerning plans for the development of the Center.

The DRTCs are based on the core concept. Cores are defined as shared resources that enhance productivity or in other ways benefit a group of investigators working in diabetes or diabetes-related areas to accomplish the stated goals of the Center. Two other types of activities may also be supported with center funding - a pilot and feasibility program and an enrichment program. The pilot and feasibility program provides modest support for new initiatives or feasibility research studies for new investigators or for established investigators in other research disciplines where their expertise may be applied to diabetes research. These include biomedical, epidemiologic, behavioral, and health care research as it pertains to the Center's mandate for the training of primarily health care professionals. The Center grant may also include limited funds for program enrichment such as seminars, visiting scientists, consultants, workshops, etc.

MECHANISM OF SUPPORT

NIDDK expects to award one DRTC Grant in Fiscal Year 1990 on a competitive basis. The receipt of one competitive continuation application is anticipated, and it will be in competition for the award together with other applications received in response to this announcement. Foreign institutions are not eligible to apply. The anticipated award will be for five years and is contingent upon the availability of appropriated funds. The Guidelines for the DRTC and consultation may be obtained from:

Dr. Sanford Garfield
Diabetes Centers Program Director
Diabetes, Endocrinology, and Metabolic
Diseases Division
National Institute of Diabetes and
Digestive and Kidney Diseases
Westwood Building, Room 626
Bethesda, Maryland 20892
Telephone: (301) 496-7418

REVIEW PROCEDURES

Applications for a DRTC grant will be evaluated in national competition by the NIH grant peer review process. Applications will be reviewed initially by a special review committee convened by the NIDDK and subsequently by the National Diabetes and Digestive and Kidney Diseases Advisory Council.

METHOD OF APPLYING

Potential applicants are urged to submit a letter of intent regarding their application. The letter of intent is nonbinding and is not a precondition for an award. The letter of intent should include the name(s) of the principal investigator and principal collaborators, descriptive titles of the core facilities and pilot/feasibility projects, and the organization(s) involved.

The deadline for receipt of application by the NIH, Division of Research Grants (DRG), is November 16, 1988. Send the original and four copies to:

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

Two additional copies of the application are to be sent to:

Dr. Anthony Demsey
Review Branch
National Institute of Diabetes and Digestive and Kidney Diseases, NIH
Westwood Building, Room 406
Bethesda, Maryland 20892

Applications must be submitted using Form 398 (Rev. 9/86). The RFA label contained in the application kit must be affixed to the bottom of the face page of the original copy of the application. Failure to use this label could result in delayed processing and review of your application.

The special single receipt date for submissions in response to this announcement is November 16, 1988. Any applications not received by this date will be considered ineligible.

ONGOING PROGRAM ANNOUNCEMENTS

FACTORS CONTRIBUTING TO THE SEQUENCING OF ALCOHOL AND OTHER DRUG USE

P.T. 34; K.W. 0404003, 0404009

National Institute on Alcohol Abuse and Alcoholism
National Institute on Drug Abuse

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

SUMMARY AND PURPOSE

The National Institute on Alcohol Abuse and Alcoholism (NIAAA) and the National Institute on Drug Abuse (NIDA) make grant awards for basic and

applied research projects. This announcement specifically seeks grant applications supporting research aimed at understanding the factors that contribute to the progression from initial drug and alcohol use to drug and alcohol dependence. This announcement is intended to encourage research proposals which will identify drug sequencing patterns among differing subpopulations of adolescents and to identify the biological, psychological, and social markers of the timing of progression from one class of substances to another. Biological factors which adversely affect endocrine function may alter adolescent physical and psychosexual development and may play a role in sequencing. Endogenous neurotransmitter and neuropeptide systems are known to affect mood, motivation and appetite. These factors may profoundly influence drug involvement and the study of their impact is encouraged. Other areas of research interest include variations by gender, economic and social class, geographic region, urbanization, ethnic groups and birth cohorts. NIAAA and NIDA urge grant applications to give added attention to the inclusion of women and minorities in study populations. If minorities and women are not included in a given study, a clear rationale for their exclusion should be provided.

ELIGIBILITY

Research grant applications may be submitted by public or private nonprofit or for profit organizations such as universities, colleges, hospitals, laboratories, research institutes and organizations, units of State or local governments and eligible agencies of the Federal Government. Women and minority investigators are encouraged to apply.

HOW TO APPLY

- The date of receipt of all applications will be February 1, June 1, and October 1 of each year. They will be reviewed in accordance with the regular PHS research grant application review schedule.

- Application for this award should be made on Form PHS 398 (revised 9/86). When applying, type the name of this announcement 'Sequencing of Alcohol and Other Drug Use' on page 1 Item 2 of PHS 398. State and Local Agencies should use Form PHS 5161-1. 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 the 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 Bldg., Room 240
Bethesda, Maryland 20892**

INQUIRIES

Potential applicants are encouraged to seek preapplication consultation. Please contact either of the two individuals listed below:

Thomas C. Harford, Ph.D.
Director, Division of Biometry and Epidemiology
National Institute on Alcohol Abuse and Alcoholism
5600 Fishers Lane, Room 14C-26,
Rockville, Maryland 20857
Telephone: (301) 443-3306

Roy W. Pickens, Ph.D.
Director, Division of Clinical Research
National Institute on Drug Abuse
5600 Fishers Lane, Room 10A-38,
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