

NIH GUIDE

for GRANTS and CONTRACTS

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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: Room 2A14, 5333 Westbard Avenue, National Institutes of Health, Bethesda, Maryland 20014, and attach your address label to your letter. Prompt notice of your change of address will prevent your name 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.

MICROBIAL STUDIES OF PERIODONTAL DISEASES

GRANT APPLICATIONS SOUGHT BY THE

NATIONAL INSTITUTE OF DENTAL RESEARCH

A N N O U N C E M E N T

The Periodontal Diseases Program Branch of the National Institute of Dental Research is interested in expanding its research program in the area of microbial studies of periodontal diseases.

Periodontal diseases, a group of inflammatory lesions which affect the supporting tissues of teeth, are the principal cause of tooth loss among most Americans. The periodontal tissues harbor at least 100 species of both pathogenic and nonpathogenic microorganisms. Recent research findings indicate that different types of pathogenic bacteria are implicated in the clinically distinguishable forms of periodontal disease - gingivitis, periodontitis, periodontosis, and a rapidly progressive form of periodontitis.

Several different types of gram-negative bacteria which predominate in patients with periodontosis and a rapidly progressive form of periodontitis have been isolated. Preliminary research has shown that some of these bacteria produced periodontal disease in gnotobiotic rats, but that many others isolated from the same patients failed to cause the disease in germ-free rats. In gingivitis, gram-positive organisms are implicated whereas in periodontitis both gram-negative and gram-positive organisms are involved. A virulent strain of one of the gram-positive organisms produced extensive loss of alveolar bone in rats.

Progress in determining the etiology of periodontal diseases has been slow because of the difficulty of diagnosing the disease status and because of problems related to sampling, dispersing, classifying, and identifying oral microorganisms. The fact that some of these organisms are oxygen sensitive and fastidious in their growth requirements makes their cultivation difficult. Moreover, many of them have not been classified for proper identification. The problem becomes even more complex because the types of microorganisms vary widely from patient to patient and even from site to site in the same patient.

Despite the recent reports on the use of antimicrobial therapy in the differential diagnosis and treatment of periodontal diseases, controlled studies on the efficacy of such therapy are lacking.

The Periodontal Diseases Program of the National Institute of Dental Research is encouraging scientists to submit grant applications for research that is designed to provide a better insight into microbial etiology and the progression of periodontal diseases. We are especially interested in studies on:

1. The isolation, identification, and classification of the predominant pathogenic microorganisms in the periodontal diseases of man;

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2. The development of methods for rapid identification of microorganisms associated with both healthy and diseased periodontal tissues in man;
3. The diagnosis and treatment of periodontal diseases by selective antimicrobial chemotherapy.

Applicants responding to this announcement should use the standard NIH grant application kit and follow the procedures described therein. Deadlines for the receipt of new grant applications to the Division of Research Grants, NIH, are July 1, November 1, and March 1. If applicants need additional information before submitting their grant applications, they should write to either Dr. Samuel Kakehashi or Dr. Paul Parakkal, Periodontal Diseases Program Branch, Extramural Programs, National Institute of Dental Research, National Institutes of Health, Bethesda, Maryland 20014 or call (301) 496-7784.

REQUEST FOR RESEARCH GRANT APPLICATIONS: RFA A N N O U N C E M E N T

TITLE: *STUDIES OF CARDIAC AND VASCULAR DISEASE IN RELATION TO
DIABETES MELLITUS*

The Division of Heart and Vascular Diseases of the National Heart, Lung, and Blood Institute invites applications for research grants in the general area of cardiovascular disease related to diabetes mellitus.

This request for grant applications is intended to encourage research upon cardiac, vascular, the vascular component of cerebrovascular disease, and peripheral vascular diseases as these may be affected by diabetes or occur in diabetics. However, the request is not for research upon the etiology, pathogenesis, or nature of diabetes per se. A variety of disciplinary approaches can be appropriate including those encompassed by basic research, clinical investigation, and epidemiology.

A detailed announcement has been prepared which gives full information and instructions. The deadline for receipt of applications will be May 2, 1977.

The detailed Request for Applications (RFA) or further information can be obtained by telephone or mail from the Atherogenesis Branch, NHLBI, at (301) 496-1978 or Dr. G. C. McMillan at (301) 496-1613.

Address: Division of Heart and Vascular Diseases
National Heart, Lung, and Blood Institute
Room C803, Landow Building
National Institutes of Health
Bethesda, Maryland 20014

MINORITY HYPERTENSION RESEARCH DEVELOPMENT

SUMMER PROGRAM,

DIVISION OF HEART AND VASCULAR DISEASES,

NATIONAL HEART, LUNG, AND BLOOD INSTITUTE

A N N O U N C E M E N T

This announcement is for a single competition with a specific deadline (July 1, 1977) for receipt of applications. These will be reviewed at the February 1978 meeting of the National Heart, Lung, and Blood Advisory Council to be awarded in the summer of 1978, contingent upon extension of existing legislative authority for National Research Service Awards.

Under authority of Section 472 of the Public Health Service Act as amended (42 USC 2891-1), the Division of Heart and Vascular Diseases of the National Heart, Lung, and Blood Institute is accepting applications for Institutional National Research Service Awards for research training under the Minority Hypertension Development Summer Program.

The Minority Hypertension Research Development Summer Program is intended to (1) encourage the recruitment and development of minority investigators in specialized areas of research, prevention, control, and education related to hypertension and (2) stimulate hypertension research, prevention, control, and education by offering minority school faculty members and graduate students the opportunity to enhance their research capabilities in these areas.

Training will be offered through Hypertension Training Centers which have well-established hypertension research and training programs and are within 100 miles of a minority school(s) or provide satisfactory alternative arrangements for communication and exchange. The Centers will collaborate with minority schools to work out plans for the identification, selection, and development of participating minority school faculty members or graduate students. The Training Center is expected to make commitments for hypertension training, establish communications with the minority schools, and select training center members for a joint panel which selects participants. Alternatively, a minority school may identify a hypertension training center and initiate communication toward development of a summer training program.

Minority schools are those in which a majority or significant proportion of the enrollment is comprised of students of minority ethnic groups including, but not limited to, Blacks, Spanish Americans, Native Americans, and Pacific-Asian Americans and has a demonstrated commitment to the special encouragement of minority faculty, students, and investigators. The minority school must commit itself to encouraging appropriate faculty members or graduate students to participate in this program, to continue the faculty member or graduate student in status after the summer session(s), and guarantee at least limited resources for his or her hypertension research and teaching activities.

Participating faculty members or graduate students must be nominated by the minority school, be accepted by the Training Center, complete the formal Payback Agreement required of all individuals receiving support under the National Research Service Award authority, and agree to report annually for six years after training on his or her academic status, publications, grants or contracts, and teaching activities related to hypertension.

Institutions wishing to participate as Hypertension Training Centers should submit an application after communications have been established with one or more minority schools. The National Heart, Lung, and Blood Institute proposes to award up to 20 Minority Hypertension Research Development Summer Program grants, each with a duration of five years. Applications may request funds to provide stipends for the duration of a summer program of \$192-\$269 per week for minority school faculty participants and \$75 per week for minority school graduate student participants. In addition, funds may be requested for tuition and fees essential to the training; medical insurance coverage for participants; and up to 25% of the total award for personnel, including laboratory and secretarial; supplies, not to exceed \$1,000 per trainee; equipment essential to the program; and consultant costs when specifically justified. Indirect cost allowances will be limited to 8% of the total allowable costs or the actual rate, whichever is lower.

Guidelines for the development of the application may be obtained by contacting Dr. George A. Hayden at (301) 496-1846

LETTER OF INTENT

Prospective applicants should submit a letter of intent not later than April 1, 1977, to:

Dr. George A. Hayden
Manpower Branch
Division of Heart and Vascular Diseases
National Heart, Lung, and Blood Institute
Room C-918, Landow Building
Bethesda, Maryland 20014

The Institute requests such letters to obtain an indication of the number and the scope of applications which will require merit review. A letter of intent is not binding and will not enter into the review of any proposal subsequently submitted. The letter should briefly describe the composition of the prospective Hypertension Training Center, participating minority institutions, the overall approach, and areas of interest envisioned for the Minority Hypertension Research Development Summer Program.

Minority schools desirous of participating in such a program are also invited to write. Every possible effort will be made to place them in communication with a Hypertension Center in their vicinity.

PERSONNEL VACANCY

A N N O U N C E M E N T

The Grants Management Section of the National Heart, Lung, and Blood Institute announces a vacancy for a senior-level Grants Management Specialist, GS-12 or -13, with starting salaries of \$20,442 and \$24,308, respectively. The person selected will be leader of a team of professional Grants Management Specialists with responsibility for coordinating the administrative management for all grants, fellowships, and awards for the Division of Lung Diseases and the Cardiac Functions Branch of the Division of Heart and Vascular Diseases, programs with a combined annual budget in excess of \$80 million.

Applicants should have senior-level grants management experience, preferably with NIH grants and awards, with experience in policy-setting committees. They should be able to interact easily with scientific program personnel and high-echelon administrators and should be familiar with NIH and DHEW grants policies and procedures.

Applicants for the position at GS-12 who do not possess U.S. Civil Service reinstatement eligibility must obtain a Civil Service rating on the "Administrative Careers in Washington" register, announcement WA-5-07. Application is made on Form 1056, and may be obtained from local U.S. Civil Service Commission offices, or from the CSC's Job Information Centers. (In Washington, D.C., call (202) 737-9616 for information.) Non-reinstatable applicants for the GS-13 position must apply to the "Senior Level" register, announcement 408, using Standard Form 171. Forms for ratings are sent to the U.S. Civil Service Commission, 1900 E Street, N.W., Washington, D.C. 20415. Applications for this vacancy (which will be accepted while ratings are being obtained) should be sent to Mr. Joseph W. Whitaker, NHLBI Personnel Office, Room 5A32, Building 31, National Institutes of Health, Bethesda, Maryland 20014, and should be received by March 31, 1977. For further information on application procedures, contact Mr. Whitaker at (301) 496-6477.

AN EQUAL OPPORTUNITY EMPLOYER