

GRANTS AND FUNDING OPPORTUNITIES

Among the many funding opportunities available for medical researchers and other healthcare professionals, several may be of particular interest to those who work in ethnic minority health and the readership of our journal. For additional information, readers are encouraged to contact the lead agency to confirm application process and deadlines. At press time, each of these was funded for 2006, with funding estimates for 2007 provided.

HEART AND VASCULAR DISEASES RESEARCH (93.837)

National Institutes of Health
Department of Health and Human Services
Authorization: Public Health Service Act, Section 301, 422 and 487, as amended, Public Laws 78-410 and 99-158, 42 USC 241, 42 USC 285, and 42 USC 288, as amended; Small Business Reauthorization Act of 2000, Public Law 106-554

Objectives

- Foster research and prevention, education, and control activities related to heart and vascular diseases and to develop young scientist investigators in these areas

Eligibility

Any nonprofit organization engaged in biomedical research and institutions or companies organized for profit may apply for almost any kind of grant.

Credentials/Documentation

Trainees must be citizens of the United States or have been admitted for permanent residency, must hold a doctoral degree, and must possess a desire for training in one of the health or health-related areas specified by the National Institutes of Health. Each applicant must be sponsored by an accredited public or private nonprofit institution engaged in such training. Costs will be determined in accordance with OMB Circular No. A-87 for state and local

governments. For-profit organization costs are determined in accordance with Subpart 31.2 of the Federal Acquisition Regulations.

Deadlines

February 1, June 1, and October 1 (or as specified in Request for Applications announcements).

Obligations

FY05 \$1,327,584,000, FY06 \$1,327,584,000, FY07 est \$1,327,584,000.

Range and Average

\$16,600 to \$4,444,879; \$441,745.

Criteria for Selecting Proposals

1. Scientific merit and general significance of the proposed study and its objectives.
2. Technical adequacy of the experimental design and approach.
3. Competency of the proposed investigator or

group to successfully pursue the project.

4. Adequacy of the available and proposed facilities and resources.
5. Necessity of the budget components requested in relation to the proposed project.
6. Relevance and importance to announced program objectives.

Example of Funded Projects

- Investigator-initiated research project grants on the surgical treatment of cardiac arrhythmias, on growth-factor mediation of healing in vascular grafts, and on mechanisms for cardiovascular control early in diabetes.
- Institute-initiated research project grants on stem cell research in cardiomyopathy, on using adult stem cells to repair cardiac damage, and on altered glucose and lipid metabo-

lism in obesity and cardiovascular disease.

- AIDS-related research project grants on cardiomyopathy, on mitochondrial nucleotide carriers, and on endothelial oxidative stress and atherosclerosis.
- An institute-initiated program project, a center of excellence in gene therapy.
- Investigator-initiated program project grants on genetic approaches to early cardiac development, on oxidative stress and diabetic cardiovascular disease, and on the biomechanics of the heart, vessels, and blood cells.

Headquarters office: Director, Division of Heart and Vascular Diseases, National Heart, Lung, and Blood Institute, National Institutes of Health, Department of Health and Human Services, Bethesda, MD 20892, USA; phone: 301-435-0466.

For more information: <http://www.nih.gov>.

ASSISTANCE PROGRAMS FOR CHRONIC DISEASE PREVENTION AND CONTROL (93.945)

Centers for Disease Control and Prevention
 Department of Health and Human Services
Authorization: Public Health Service Act, Sections 301(a) and 317(a), and (k)(2), as amended

Objectives

- To work with state health agencies and other public and private nonprofit organizations in planning, developing, integrating, coordinating, or evaluating programs to prevent and control chronic diseases such as epilepsy and lupus.
- To assist in monitoring the major behavioral risks associated with the 10 leading causes of premature death and disability in the United States, including cardiovascular diseases and arthritis.
- To establish new chronic disease prevention programs like Racial and Ethnic Approaches to Community Health (REACH).

health agencies of the United States, the District of Columbia, the Commonwealth of Puerto Rico, the Virgin Islands, Guam, the Northern Mariana Islands, the Federated States of Micronesia, the Republic of the Marshall Islands, the Republic of Palau, and American Samoa. Other public and private nonprofit community based organizations are also eligible.

Credentials/Documentation

Applicants should document the need for assistance, state the objectives of the project, outline the method of operation, describe evaluation procedures, and provide a budget with justification for funds requested. Costs will be determined in accordance with OMB Circular No. A-87 for state and local governments, OMB Circular No. A-21 for educational institutions, and OMB Circular No. A-122 for nonprofit organizations.

Deadlines

Contact CDC headquarters office for application deadlines.

Obligations

FY05 \$30,500,000, FY06 \$30,500,000, FY07 est \$30,500,000.

Range and Average

\$250,000 to \$350,000; \$300,000.

Criteria for Selecting Proposals

Based on the evaluation criteria as published in the program and/or Federal Register Announcement.

Examples of Funded Projects

1. The New York Healthy Heart Program has partnered with its dairy council to educate the public about the benefits of drinking low-fat milk.
2. The North Carolina cardiovascular health program

provided the Strike Out Stroke program that targets hypertension in African Americans in partnership with the North Carolina Association of Pharmacies and through local health departments.

3. The Missouri cardiovascular health program partners with the state diabetes control program and federal qualified health centers to improve outcome measures related to diabetes and cardiovascular disease.

Headquarters office: Nancy Watkins, Division for Heart Disease and Stroke Prevention, National Center for Chronic Disease Prevention and Health Promotion, Centers for Disease Control and Prevention, 4770 Buford Hwy, MS K47, Atlanta, GA 30333, USA; phone: 770-488-8004.

For more information: <http://www.cdc.gov/nccdphp>.

NURSING RESEARCH (93.361)

National Institutes of Health
 Department of Health and Human Services
Authorization: Public Health Service Act, Sections 301, 483, 484, and 487, as amended, Public Law 99-158; Small Business Research and Development Act of 1992, Public Law 102-564

Objectives

- To establish a scientific basis for the care of individuals across the lifespan, from managing patients during illness and recovery to reducing risks for disease and disability and

promoting healthy lifestyles.

Eligibility

Any corporation, public or private institution or agency, or other legal entity, either nonprofit or for-profit, may apply.

Credentials/Documentation

Each applicant for research projects must present a research plan and furnish evidence that scientific competence, facilities, equipment, and supplies are appropriate to carry out the plan. Costs will be determined

in accordance with OMB Circular No. A-21, Cost Principles for Educational Institutions and OMB Circular No. A-87 for state and local governments. For-profit organizations' costs are determined in accordance with 48 CFR Subpart 31.2 of

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the Federal Acquisition Regulations. For other grantees, costs will be determined by HHS Regulations 45 CFR, Part 74, Subpart Q.

Deadlines

February 1, June 1, and October 1.

Obligations

FY05 \$114,017,000, FY06 \$112,182,000, FY07 est \$109,519,000.

Range and Average

\$3,000 to \$747,870; \$319,375.

Criteria for Selecting Proposals

1. Significance: does this study address an important problem? If the aims of the application are achieved, how will scientific knowledge be advanced? What will be the effect of these studies on the concepts or

methods that drive this field?

2. Approach: are the conceptual framework, design, methods, and analyses adequately developed, well integrated, and appropriate to the aims of the project? Does the applicant acknowledge potential problem areas and consider alternative tactics?
3. Innovation: does the project employ novel concepts, approaches, or method? Are the aims original and innovative? Does the project challenge existing paradigms or develop new methods or technologies?
4. Investigator: is the investigator appropriately trained and well suited to carry out this work? Is the work proposed appropriate to the experience level of the principal investiga-

tor and other researchers (if any)?

5. Environment: does the scientific environment in which the work will be done contribute to the probability of success? Do the proposed experiments take advantage of unique features of the scientific environment or employ useful collaborative arrangements? Is there evidence of institutional support?
6. Appropriateness of the proposed budget and duration in relation to the proposed research.
7. Relevance and importance to announced program objectives.

Examples of Funded Projects

- Fatigue and breast cancer—a behavioral sleep intervention.

- Symptom management intervention in elderly coronary artery bypass graft patients.
- Pathways to overweight in children: a longitudinal study.
- Preterm birth: psychoneuroimmunology in Hispanics.
- Intensive communication for chronically critically ill.
- Neural deficits in heart failure.
- Home- vs center-based weight loss and exercise in menopause.

Headquarters office: National Institute of Nursing Research, National Institutes of Health, Room 710, One Democracy Plaza, 6701 Democracy Blvd, Bethesda, MD 20817, USA; phone: 301-594- 6906.

For more information: <http://www.nih.gov/ninr>.