National Cancer Institute

Division of Cancer Control and Population Sciences

http://cancercontrol.cancer.gov

Summary of Program Announcements
Applied Research Program

Following is overview information for the Applied Research Program's current grant program announcements (PAs). For the full text of any PA described below, visit http://grants.nih.gov/grants/guide/pa-files.

The Effect of Racial and Ethnic Discrimination/Bias on Health Care Delivery

The purposes of this Funding Opportunity Announcement (FOA) are to: 1) improve the measurement of racial/ethnic discrimination in healthcare delivery systems through improved instrumentation, data collection, and statistical/analytical techniques; 2) enhance understanding of the influence of racial/ethnic discrimination in healthcare delivery and its association with disparities in disease incidence, treatment, and outcomes among disadvantaged racial/ethnic minority groups; and 3) reduce the prevalence of racial/ethnic health disparities through the development of interventions to reduce the influence of racial/ethnic discrimination on healthcare delivery systems in the U.S.

Award mechanisms and PA numbers:
R01: PA-08-083
R03: PA-08-085
R21: PA-08-084

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Cancer Surveillance Using Health Claims-Based Data System

The objective of this FOA is to encourage grant applications for research entailing the use of health claims data for cancer surveillance. Cancer surveillance may include assessment of patterns of care, quality and outcomes of care, and health disparities across the continuum of treatment. Projects sought under this FOA may focus on treatment and outcomes at the patient-specific level or include influences from the provider or broader health-system level.

Award mechanisms and PA numbers:
R01: PA-07-254 and **R21:** PA-06-386

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Research on the Economics of Diet, Activity, and Energy Balance

The major focus of this FOA is to solicit projects that enhance the state-of-the-science on the causes of obesity and to inform Federal decision making on effective public health interventions for reducing the rate of obesity in the United States. The PA is intended to make funding opportunities in the area of energy balance—that is, the relationship between diet, physical activity, and obesity—known to researchers with expertise and experience in health economics and health services research. It also aims to foster collaborative activities between researchers from these disciplines and more traditional researchers of cancer and other chronic diseases.

Award mechanisms and PA numbers:
R01: PA-08-078 and **R21:** PA-08-077

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Research on Improving Health Care for Obese Patients

This FOA solicits applications from institutions/organizations that propose to conduct research to determine the barriers to optimal health care for obese patients, and to test innovations or modifications in care delivery to improve health outcomes for obese patients independent of weight loss.

Award mechanism and PA number:
R01: PA- 07-013

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U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
National Institutes of Health

Development, Application, and Evaluation of Prediction Models for Cancer Risk and Prognosis

This FOA aims to encourage clinicians and researchers to improve existing models for cancer risk and prognosis by developing innovative research projects, validate these models, and evaluate their utility in research and clinical settings. The emphasis is on the use of existing data, but it is understood that some new data may need to be generated to expand the utility of existing data.

Award mechanisms and PA numbers:
R01: PA-07-021 and **R21:** PA-07-022

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Understanding the Effects of Emerging Cellular, Molecular, and Genomic Technologies on Cancer Health Care Delivery

This FOA aims to stimulate and support research to improve the understanding of access, quality, and costs associated with the use of cellular, molecular, and genetic (CMG) technologies across the cancer care continuum.

Award mechanisms and PA numbers:
R01: PA-09-004 and **R21:** PA-09-005

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Diet and Physical Activity Assessment

The objective of this FOA is to promote research to: 1) improve existing instruments that seek to measure dietary intake and physical activity within diverse populations over time; 2) develop or refine new technologies for the measurement of dietary intake or physical activity; and 3) improve the statistical and analytical techniques to correct for measurement error in diet and physical activity assessment instruments. Proposals should be aimed at exploring the optimal combination of objective and self-report measures of physical activity or dietary intake that can capture these behaviors in both general and diverse populations.

Award mechanisms and PA numbers:
R01: PAR-07-259 and **R21:** PAR-06-103

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Methodology and Measurement in the Behavioral and Social Sciences

The goal of this FOA is to encourage research that will improve the quality and scientific power of data collected in the behavioral and social sciences, relevant to the missions of the participating NIH Institutes and Centers (ICs). These ICs invite research grant applications aimed at improving and developing methodology and measurement in the behavioral and social sciences through innovations in research design, data collection techniques, measurement, and data analysis techniques.

Award mechanisms and PA numbers:
R01: PAR-08-212
R03: PAR-08-214
R21: PAR-08-213

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Geographic and Contextual Influences on Energy Balance-Related Health Behaviors

The objective of this FOA is to encourage grant applications that propose hypothesis-driven projects exploring associations between the built environment, other contextual features of where people of all ages live and work, and health behaviors related to energy balance. These projects should use population level data from health surveys and other large health studies.

Award mechanisms and PA numbers:
R01: PA-08-192 and **R21:** PA-08-193

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