

# Center to Reduce Cancer Health Disparities

## EXPLORATORY/DEVELOPMENTAL GRANTS PROGRAM FOR BASIC CANCER RESEARCH IN CANCER HEALTH DISPARITIES (R21/R01)

### Overview

This Funding Opportunity Announcement (FOA) encourages research grant applications from investigators interested in conducting basic research into the causes and mechanisms of cancer health disparities. This FOA is also designed to facilitate the growth of a nationwide cohort of scientists with a high level of basic research expertise in cancer health disparities research who can develop resources and tools necessary for conducting such research.

### Mechanisms of Support/Awards

R01 and R21 award mechanisms will be supported by this funding opportunity. The total project period for applications using the R01 award mechanism may not exceed 5 years; direct costs are limited to \$250,000/year. The R21 award mechanism may not exceed 2 years; direct costs are limited to \$275,000 over a 2-year period, with no more than \$200,000 in direct costs allowed in any single year. The R01 and R21 applications are not renewable.

### Research Objectives

Applications should focus on basic mechanistic research to investigate the biological/genetic factors associated with cancer health disparities.

### AT A GLANCE

**Submission Deadline:**  
June 17; November 17, yearly

**Award Budget:**  
\$250,000/year direct costs for up to 5 years (R01)  
\$275,000 direct costs for up to 2 years (R21)

For this FOA, NCI is particularly interested in the interplay of race/ethnicity and cancer biology. These awards will provide support for developing and testing new methodologies, prevention strategies, and research technology, as well as secondary analysis of existing data, self-contained research projects, and innovative studies that provide a basis for more extended research in cancer disparities. Research topics may include, but are not limited to, the following examples:

- Ethnic differences in HPV strain types/ infection prevalence
- Polymorphisms in liver detoxification enzymes
- Differences in gene expression profiles in triple negative breast tumors in African-American women
- Polymorphisms and copy number variations in key cellular processes related to cancer disparities.

**For the full text of these PARs, visit:**

<http://grants.nih.gov/grants/guide/pa-files/PAR-15-092.html> (R21)

<http://grants.nih.gov/grants/guide/pa-files/PAR-15-093.html> (R01)

