

Active Nanostructures and Nanosystems (ANN)

Program Solicitation

NSF 06-595

Replaces Document(s):

NSF 05-610



National Science Foundation

Directorate for Engineering
Directorate for Social Behavioral & Economic Sciences

Full Proposal Deadline(s) (due by 5 p.m. proposer's local time):

November 15, 2006

REVISION NOTES

In furtherance of the President's Management Agenda, in Fiscal Year 2006, NSF has identified programs that will offer proposers the option to utilize Grants.gov to prepare and submit proposals, or will require that proposers utilize Grants.gov to prepare and submit proposals. Grants.gov provides a single Government-wide portal for finding and applying for Federal grants online.

In response to this program solicitation, proposers may opt to submit proposals via Grants.gov or via the NSF FastLane system.

SUMMARY OF PROGRAM REQUIREMENTS

General Information

Program Title:

Active Nanostructures and Nanosystems (ANN) FY 2006

Synopsis of Program:

The National Science Foundation (NSF) announces a program on collaborative research and education in the area of active nanostructures, nanosystems, and on the long-term societal change associated with these innovations. Active nanostructures change or evolve their structure, property, or function during their operation. The goal of this program is to support fundamental research and catalyze synergistic science and engineering research and education in several emerging areas of nanoscale science and engineering, including:

- Active nanostructures;

- Nanosystems with improved functionality and new architectures;
- Hierarchical nanomanufacturing; and
- Long-term societal and educational implications of scientific and technological advances on the nanoscale.

This solicitation provides support for Nanoscale Interdisciplinary Research Teams (NIRT) and Nanoscale Exploratory Research (NER).

Other research and education projects in nanoscale science and engineering will continue to be supported in the relevant programs and divisions.

Cognizant Program Officer(s):

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Applicable Catalog of Federal Domestic Assistance (CFDA) Number(s):

- 47.041 --- Engineering
- 47.075 --- Social, Behavioral and Economic Sciences

Award Information

Anticipated Type of Award: Standard Grant or Continuing Grant

Estimated Number of Awards: 60

Anticipated Funding Amount: \$29,000,000 - of which \$24,500,000 for approximately 20 NIRT awards and \$4,500,000 for approximately 40 NER awards.

