

ADVANCE: Increasing the Participation and Advancement of Women in Academic Science and Engineering Careers

Program Solicitation

NSF 05-584

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National Science Foundation

Directorate for Social, Behavioral, and Economic Sciences
Directorate for Biological Sciences
Directorate for Computer and Information Science and Engineering
Directorate for Education and Human Resources
Directorate for Engineering
Directorate for Geosciences
Directorate for Mathematical and Physical Sciences
Office of International Science and Engineering
Office of Polar Programs

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

July 15, 2005

Leadership Awards

July 22, 2005

Institutional Transformation Awards

January 27, 2006

Partnerships for Adaptation, Implementation, and Dissemination

SUMMARY OF PROGRAM REQUIREMENTS

General Information

Program Title:

ADVANCE: Increasing the Participation and Advancement of Women in Academic Science and Engineering Careers

Synopsis of Program:

The pursuit of new scientific and engineering knowledge and its use in service to society requires the talent, perspectives and insight that can only be assured by increasing diversity in the science, engineering and technological workforce. Despite advances made in the proportion of women choosing to pursue science and engineering careers, women continue to be significantly underrepresented in almost all science and engineering fields, constituting only approximately 25% of the science and engineering workforce at large, and less than 21% of science and engineering faculty in 4-year colleges and universities. Women from minority groups underrepresented in science and engineering constitute only about 2% of science and engineering faculty in 4-year colleges and universities.

The goal of the ADVANCE program is to increase the representation and advancement of women in academic science and engineering careers, thereby contributing to the development of a more diverse science and engineering workforce. Creative strategies to realize this goal are sought from men and women. Members of underrepresented minority groups and individuals with disabilities are especially encouraged to

