

Grant Title: RESEARCH EXPERIENCES FOR TEACHERS (RET) IN ENGINEERING

Funding Opportunity Number: Funding Opportunity Number: 07-557. CFDA Number(s): 47.041.

Agency/Department: National Science Foundation, Directorate for Engineering Engineering Education and Centers.

Area of Research: Engineering research to bring knowledge of engineering and technological innovation into classrooms.

Release and Expiration: Posted Date: March 04, 2009.

Application Deadline: November 16, 2009. Third Monday in November, Annually Thereafter.

Amount: \$500,000 maximum total for a duration of up to three years for RET Site Awards. RET supplements are limited to a maximum of \$10,000 per teacher for a duration of one year. Expected Number of Awards: 5.

Length of Support: RET Site Awards: Up to three years. RET supplements: One year.

Eligible Applicants: Universities and colleges. See the full announcement for a complete list of eligible applicants.

Summary: The Directorate for Engineering (ENG), Research Experiences for Teachers (RET) in Engineering program supports the active involvement of K-12 teachers and community college faculty in engineering research in order to bring knowledge of engineering and technological innovation into their classrooms. The goal is to help build long-term collaborative partnerships between K-12 science, technology, engineering, and mathematics (STEM) teachers, community college faculty, and the NSF university research community by involving the teachers in engineering research and helping them translate their research experiences and new knowledge of engineering into classroom activities. Partnerships with inner city schools or other high need schools are especially encouraged, as is participation by underrepresented minorities, women, and persons with disabilities. This announcement features two mechanisms for support of in-service and pre-service K-12 teachers and/or community college faculty: RET supplements to ongoing ENG awards and new RET Site awards. RET supplements may be included in proposals for new or renewed NSF Directorate for Engineering (ENG) grants or as supplements to ongoing NSF ENG funded projects. RET Sites are based on independent proposals from engineering departments, schools or colleges to initiate and conduct research participation projects for a number of K-12 teachers and/or community college faculty.

Detail Information: <http://www.nsf.gov/pubs/2007/nsf07557/nsf07557.pdf>
http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf07557