Award Abstract #0243607

Undergraduate Research in Experimental Physics: REU Site Summer Bridge Program

NSF Org: **PHY**
Division of Physics

Initial Amendment Date: January 21, 2003

Latest Amendment Date: October 21, 2004

Award Number: 0243607

Award Instrument: Continuing grant

Program Manager: Kathleen V. McCloud
PHY Division of Physics
MPS Directorate for Mathematical & Physical Sciences

Start Date: March 1, 2003

Expires: February 28, 2006 (Estimated)

Awarded Amount to Date: $242965

Investigator(s): Robert Thews thews@physics.arizona.edu (Principal Investigator)

Sponsor: University of Arizona
888 N Euclid Ave
TUCSON, AZ 85721 520/626-6000

NSF Program(s): PHYSICS EDUC & INTERDISCIP RES

Field Application(s): 0000099 Other Applications NEC

Program Reference Code(s): SMET, 9250, 9178
Program Element Code(s): 9134

ABSTRACT

Opportunities for undergraduate students to participate in ongoing research projects in experimental physics are structured in a summer REU program. Students may choose from a wide variety of forefront physics activities, under the direction of senior faculty members from the Department of Physics at the University of Arizona, or also from in research groups located in several other university academic units including Astronomy, Optical Sciences, Lunar and Planetary Studies, and Atmospheric Sciences.

The primary source of participants is students who have completed the equivalent of the first or second year curriculum in science or engineering at the community college level, in preparation for transfer to a 4-year degree program. The 10-week program will support 12 students each summer. Graduate teaching assistants from the physics department serve as mentors. Special orientation and skills activities are individually tailored during the first two weeks of the program, which enhance the ability of the participants to make significant contributions to the research projects. Weekly participant meetings include interim oral reports and lead to a formal presentation and final written report.

Please report errors in award information by writing to: awardsearch@nsf.gov.

The National Science Foundation, 4201 Wilson Boulevard, Arlington, Virginia 22230, USA
Tel: (703) 292-5111, FIRS: (800) 877-8339 | TDD: (800) 281-8749

Last Updated: April 2, 2007