

Grant Title: INNOVATIONS IN ENGINEERING EDUCATION, CURRICULUM AND INFRASTRUCTURE

Funding Opportunity Number: 10-502. CFDA Number(s): 47.041.

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

Area of Research: Research which addresses four aspects of engineering education.

Release and Expiration: Release date: October 15, 2009. Expiration date: March 31, 2010.

Application Deadline: January 20, 2010 Deadline for Area 1 projects. March 31, 2010 Deadline for Area 2 and Area 3 projects.

Amount: Anticipated Funding Amount: \$150,000 to \$400,000. The total anticipated funding is \$8,500,000. Area 1 projects will be funded at a level of up to \$400,000. Area 2 or 3 projects will be funded at a level up to \$150,000, but projects involving multiple universities may apply for grants up to \$200,000. Expected Number of Awards: 35 to 40. Approximately 10 Area 1 grants are anticipated and approximately 25 to 30 awards are anticipated in Areas 2 and 3.

Length of Support: Not listed.

Eligible Applicants: Unrestricted.

Summary: The Innovations in Engineering Education, Curriculum, and Infrastructure (IEECI) program supports research which addresses three aspects of engineering education: (1) how students best learn the ideas, principles, and practices to become creative and innovative engineers, and how this learning is measured (2) how to more effectively translate successes in engineering education research into widespread practice with consideration of curriculum, student learning, innovation models, and cyber-learning technology, and (3) implementation of programs for students supported by the GI Bill.

Detail Information: <http://www.nsf.gov/pubs/2010/nsf10502/nsf10502.htm>