Grant Title: CYBERLEARNING: TRANSFORMING EDUCATION

Funding Opportunity Number: 11-587. CFDA Number(s): 47.070, 47.075, 47.076, 47.080.


Area of Research: Integrate advances in technology with advances in what is known about how people learn.

Release and Expiration: Release Date: September 16, 2011.


Amount: EXPs: $550,000 total. DIPs: $1,350,000 total. INDPs: $2,500,000 total. CAPs: Varies. CRC: Up to $500,000 in the first year and up to $1M in subsequent years. The intention is to fund 12 to 18 EXPs, 6 to 12 DIPs, 2 to 4 INDPs, 7 to 14 CAPs, and 1 CRC over that 2-year period.

Length of Support: EXPs: over 2 to 3 years. DIPs: over 4 or 5 years. INDPs: over 4 or 5 years. CAPs: Varies. CRC: Up to 5 years.

Eligible Applicants: Unrestricted. An individual may participate as PI or Co-PI in no more than three (3) EXP, DIP, and INDP proposals in any fiscal year (October to September): at most, two (2) proposals in the Exploratory (EXP) and Design and Implementation (DIP) categories combined, and at most, one (1) proposal in the Integration and Deployment Project category. It is expected that PIs will participate in no more than one CAP at a time.

Summary: Through the Cyberlearning: Transforming Education program, NSF seeks to integrate advances in technology with advances in what is known about how people learn to better understand how people learn with technology and how technology can be used productively to help people learn, through individual use and/or through collaborations mediated by technology; better use technology for collecting, analyzing, sharing, and managing data to shed light on learning, promoting learning, and designing learning environments; and design new technologies for these purposes, and advance understanding of how to use those technologies and integrate them into learning environments so that their potential is fulfilled. Of particular interest are technological advances that allow more personalized learning experiences, draw in and promote learning among those in populations not served well by current educational practices, allow access to learning resources anytime and anywhere, and provide new ways of assessing capabilities. It is expected that Cyberlearning research will shed light on how technology can enable new forms of educational practice and that broad implementation of its findings will result in a more actively-engaged and productive citizenry and workforce. Cyberlearning awards will be made in three research categories, each focusing on a different stage of research and development: Exploratory (EXP), Design and Implementation (DIP), and Integration and Deployment (INDP). The Cyberlearning program will also support small Capacity-Building Projects (CAP) and a Cyberlearning Resource Center (CRC).