Grant Title: ALLIANCES FOR BROADENING PARTICIPATION IN STEM

Funding Opportunity Number: 10-522. CFDA Number(s): 47.076.

Agency/Department: National Science Foundation, Directorate for Education & Human Resources, Division of Human Resource Development.

Area of Research: Increase the number of students successfully completing quality degree programs in science, technology, engineering and mathematics (STEM).


Amount: Estimated Number of Awards: 25 to 32 LSAMP: In FY2010, this includes 14 to 18 BD grants of $987,000 each for 24 months.In FY2011, this includes 10-12 new LSAMP cooperative agreements of up to $1M per year and 1-2 educational research awards. AGEP: In FY2010, only continuing increments will be funded. I3: Up to 10 continuing awards will be made in this Innovation through Institutional Integration (I3) competition, pending availability of funds.

Length of Support: BD grants: 24 months.

Eligible Applicants: Universities and two-and four-year colleges. See the full application for a complete list of eligible applicants.

Summary: The Alliances for Broadening Participation in STEM (ABP) seeks to increase the number of students successfully completing quality degree programs in science, technology, engineering and mathematics (STEM). Particular emphasis is placed on transforming STEM education through innovative academic strategies and experiences in support of groups that historically have been underrepresented in STEM disciplines: African-Americans, Alaskan Natives, Native Americans, Hispanic Americans, and Native Pacific Islanders. The educational research portfolio contributes to the body of literature of successful practices in student recruitment, retention, persistence, and attainment of STEM undergraduate and graduate degrees, especially for populations underrepresented in STEM disciplines: African-Americans, Alaskan Natives, Native Americans, Hispanic Americans, and Native Pacific Islanders. Managed synergistically, the ABP cluster enables seamless transitions from the STEM baccalaureate to attainment of the doctorate and entry to the STEM professoriate. ABP support begins at the baccalaureate level through the LSAMP program. LSAMP emphasizes development of broad-based regional and national alliances of academic institutions, school districts, state and local governments, and the private sector to increase the diversity and quality of the STEM workforce. Eligible LSAMP undergraduate students may receive continued support for up to two additional years of STEM graduate study through the Bridge to the Doctorate (BD) Activity. The Bridge to the Doctorate provides significant financial support for matriculating candidates in STEM graduate programs at eligible alliance sites. Alliances for Graduate Education and the Professoriate (AGEP) further the graduate education of underrepresented STEM students through the doctorate level, preparing them for fulfilling opportunities and productive careers as STEM faculty and research professionals. AGEP also supports the transformation of institutional culture to attract and retain STEM doctoral students into the professoriate. Innovation through Institutional Integration (I3) projects enable faculty, administrators, and others in institutions to think and act strategically about the creative integration of NSF-funded awards, with particular emphasis on awards managed through programs in the Directorate for Education and Human Resources (EHR), but not limited to those awards. For Fiscal Year 2010, proposals are being solicited in nine EHR programs that advance I3goals: CREST, GSE, HBCU-UP, ITEST, LSAMP, MSP, Noyce, RDE, and TCUP.
