The Louis Stokes Alliance for Minority Participation programs support the establishment of comprehensive Alliances to increase the quantity and quality of students who successfully earn STEM baccalaureate degrees, and the number who go on for graduate study in these fields. This short-term objective facilitates AMP’s long-term goal of increasing the production of minority Ph.D’s in STEM fields with an emphasis on entry into faculty positions. The Foundation requires partnerships among academic institutions, government agencies and laboratories, industry, and professional organizations. These coalitions will produce multidisciplinary and/or disciplinary approaches to achieve the program goals at the undergraduate level. Success will be measured by the ability to bring about significant quantifiable and qualitative enhancements in minority STEM participation. Eligible activities include student enrichment, academic achievement, and curriculum improvement.
Colorado Alliance for Minority Participation (CO-AMP) is a National Science Foundation (NSF) program with a primary goal to double the number of underrepresented minority students (African American, Hispanic, Alaska Native, Pacific Islander, and Native American) receiving baccalaureate degrees in Science, Technology, Engineering, and Mathematics (STEM). Other goals include increasing the quality of education for these students and building the infrastructure for programs and activities that link public and private resources through structured funding and program development strategies. This program is not racially or gender exclusive.

**CO-AMP’s activities include:**

**Bridging:** to facilitate smooth transitions from high school to college; from 2-year colleges to 4-year degree colleges and universities; from academic to professional careers or graduate school.

**Graduate Placement, Outreach, and Tracking:** to assist graduates with placement from 2-year colleges to 4-year degree colleges and universities and undergraduate to graduate school; to provide outreach activities; to track student achievements.

**Undergraduate Research:** to develop professional skills, critical thinking, and hands-on experiences through research.

**Recruitment:** to increase the number of high school students and associate degree transfer students into STEM baccalaureate degree programs.

**Retention Program:** to provide transfer bridges, academic tutoring, Academic Excellence Workshops, faculty and peer mentoring, scholarships, and minority conferences.

**Faculty Professional Development:** to enhance the cultural and diversity awareness of faculty involved with program activities.

**Curriculum Development:** to develop effective teaching strategies in the sciences by restructuring STEM courses.

CO-AMP is an innovative consortium of two community colleges, three junior colleges, and ten four-year colleges and universities. We are very proud of the partnerships that have been established with the four tribal nations: Jicarilla Apache Tribe, Navajo Nation, Southern Ute Indian Tribe, and Ute Mountain Ute Tribe. Corporations, government agencies, professional organizations, and community members also collaborate with CO-AMP to enhance student achievement.

CO-AMP is proud of the collaboration with the Colorado AGEP (Alliance for Graduate Education and the Professorate) formed between the University of Colorado at Boulder and Colorado State University. NSF sponsored AGEP programs are designed to recruit and retain graduate students as future faculty members at higher education institutions in science, technology, engineering and mathematics.

Students interested in finding out more about CO-AMP and CO-AMP programs, please contact Beverly Marquart at beverly.marquart@colostate.edu or call 970-491-6686.