The National Science Foundation~Investing in the future~

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 builds partnerships among academic institutions, government agencies and laboratories, industry, and professional organizations. These coalitions will produce multidisciplinary and/or disciplinary approaches to achieve 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 curricula improvement.
Colorado-Wyoming Alliance for Minority Participation

CO-WY AMP is a National Science Foundation program with a primary goal to increase 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-WY 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; to provide outreach activities; to track student achievements.

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

International Programs: to increase the number of undergraduates engaging in international research and projects.

Retention Programs: 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 modifying STEM courses.

CO-WY AMP is an innovative consortium of sixteen institutions of higher learning, comprised of 12 baccalaureate-degree granting institutions, 3 junior colleges, and 1 community college, and has associations with two Native American tribes in Colorado (Southern Ute and Ute Mountain Ute) and two tribes in Wyoming (Northern Arapahoe and Eastern Shoshone).

CO-WY AMP works with many corporations, governmental agencies, professional membership organizations, and community groups to enhance student achievement. These collaborations continue to provide insight into the ever-changing direction of technology and offer career opportunities and internships to underrepresented minority students.

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