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.

Advisory Board Members:
Mr. David Aragon, Dr. Daniel Bush, Dr. Gregory Florant, Dr. Kim Henry, Dr. Juan Lucena, Ms. Linda Lung, Dr. Eric Toberer

External Evaluator: Dr. Rose Shaw

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CO-WY AMP Site Coordinators

Adams State University
Dr. Renee Beeton...rbeeton@adams.edu

Central Wyoming College
Jacki Klancher...jklanche@cwc.edu

Colorado School of Mines
Andrea Salazar Morgan...asalazar@mines.edu

Colorado State University
Arlene Nededog...arlene.nededog@colostate.edu

Colorado State University-Pueblo
Sendi Estrada...sendi.estradal@csupueblo.edu

Community College of Denver
Dawn Cummings...dawn.cummings@ccd.edu

Fort Lewis College
Dr. Don May...may_d@fortlewis.edu
Jessica Rupe...jmruper@fortlewis.edu

Metropolitan State University of Denver
Dr. Hsiu-Ping Liu...hliu1@msudenver.edu

Northeastern Junior College
Cyndi Hofmeister...cyndi.hofmeister@njc.edu

Otero Junior College
Pat Malott...p.malott@ojc.edu

Trinidad State Junior College
Judy Maclaren...judy.maclaren@trinidad.state.edu

University of Colorado-Boulder
Vanessa Dunn...Vanessa.Dunn@colorado.edu

University of Colorado-Colorado Springs
Dr. Dave Khalili...dkhalili@uccs.edu

University of Colorado-Denver
Dr. Dominic Martinez...dominic.martinez@ucdenver.edu

University of Denver
Anthea Johnson Rooen...anthea.johnson@du.edu

University of Wyoming
Dr. Doug Wachob...wachob@uwyo.edu

CO-WY AMP Leadership

Dr. Rick Miranda, PI
Provost/Executive Vice-President
Colorado State University

Dr. Ernest Chavez, Co-PI/Program Director
Professor, Psychology
Colorado State University
Ernest.Chavez@ColoState.EDU

Dr. Beverly Marquart, Program Manager
100E Sage Hall, Colorado State University
Fort Collins, CO 80523-1879
(970) 491-6686
Beverly.Marquart@colostate.edu

Advisory Board Members:
Mr. David Aragon, Dr. Daniel Bush, Dr. Gregory Florant, Dr. Kim Henry, Dr. Juan Lucena, Ms. Linda Lung, Dr. Eric Toberer

External Evaluator: Dr. Rose Shaw

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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 11 baccalaureate-degree granting institutions, 3 junior colleges and 2 community colleges, 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 bev. marquart@colostate.edu or call 970-491-6686.