

Supplementary Information

Broaden Participation and Achieving Institutional Transform

CEOSE Mini-Symposium on
Institutional Transformation
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AGEP

Alliances for Graduate Education and the Professoriate

IMPACT

- **AGEP institutions produced approximately 35% of the STEM Ph.D.s in 2005.**
- **AGEP institutions produced approximately 50% of the minority STEM Ph.D.s in 2005.**
- **Compared to the baseline year of 1999, AGEP institutions reported an average annual increase in the number of minority Ph.D. recipients in all STEM fields of 7% in 2005.**



AGEP

Alliances for Graduate Education and the Professoriate

IMPACT

- Between 1999 and 2005, the average annual number of URM graduate student enrollees in all STEM fields increased from 7,800 to 9,100, an increase of 16%.
- All Natural Sciences and Engineering... +21%
- Engineering and Computer Sciences... +20%
- Biological Sciences... +23%
- Physical Sciences... +25%



AGEP

Alliances for Graduate Education and the Professoriate

IMPACT

- Between 1999 and 2005, the average annual number of new URM graduate student enrollees in all STEM fields increased from 1,802 to 2,131, an increase of 18%.
- All Natural Sciences and Engineering... +19%
- Engineering and Computer Sciences... +20%
- Biological Sciences... +16%
- Physical Sciences... +27%



AGEP

Alliances for Graduate Education and the Professoriate

IMPACT

- ✱ Colorado PEAKS Alliance (Colorado Boulder and Colorado State)... From 2000-2004, minority STEM doctoral enrollment increased from 69 to 106 (54% increase).
- ✱ Louisiana Alliance (Tulane, LSU, Xavier)... From 2000-2004, minority STEM doctoral enrollment increased from 88 to 171 (94% increase).
- ✱ Maryland Alliance (UMBC, UMCP, and UMB)... From 2000-2004, minority STEM doctoral enrollment increased from 57 to 204 (258%).

Where are AGEP sites?

State / Region	Lead Institution
Alabama	University of Alabama – Birmingham
Arizona	Arizona State University
California	UC Office of the President (UC system)
Colorado	University of Colorado – Boulder
District of Columbia	Howard University
Florida	University of Florida
Georgia	Georgia Institute of Technology
Indiana	Purdue University
Iowa	University of Iowa
Louisiana	Tulane University
Maryland	University of MD – Baltimore County
Massachusetts	University of Massachusetts - Amherst
Michigan	University of Michigan
Mississippi	University of Mississippi
Missouri	University of Missouri - Columbia
New Mexico	New Mexico State University
New York (3)	CUNY / SUNY/ Syracuse
North Carolina	UNC-Chapel Hill / NC State University
Puerto Rico	University of Puerto Rico System
Texas	Rice University

SBES / AGEP Alliances

1. Atlantic Coast SBE Alliance

- UNC Chapel Hill
- Howard University
- University of Maryland
- University of Miami
- University of Florida

SBES / AGEP Alliances

2. UC DIGSS

- UC Santa Barbara
- UC Berkeley
- UCLA



SBES / AGEP Alliances

3. DGESBE

- University of Texas at Austin
- Stanford University
- University of Southern California
- Texas A&M University



SBES / AGEP Alliances

4. Collaborative Research: CUNY/Michigan Alliance

- City University of New York
- University of Michigan
- Wayne State University
- Michigan State University

SBES / AGEP Alliances

5. Northwestern Alliances for Graduate Education and the Professoriate for SBE

- Northwestern University
- University of Illinois
- University of Pennsylvania
- University of Chicago
- Ohio State University
- Temple University
- University of Wisconsin

Strategies That Promote Institutional Transformation

- **Ongoing Campus Strategic Planning**
- **Ongoing Alliance Strategic Planning**
- **Building Alliance Infrastructure**
- **Building Data Collection Infrastructure**
- **Provost/Graduate Dean's Orientation Meetings**
- **Progressive Partnerships with MSIs**
- **Skills Building Workshops**
- **Professional Socialization**
- **Technical Assistance Meetings**



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