



Launching the HBCU Mid-Atlantic PSM Alliance

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Alliance Member PSM Program Plans and 'Plus' Expertise

Member Institutions	Location	Likely PSM Specialties	Plus' Expertise Base
Bowie State University	Bowie, MD	*Information Technology	MBA, MPA
Delaware State University	Dover, DE	*Applied Bioscience	MBA
Morgan State University	Baltimore, MD	*Applied Measurement Science	MBA, MCRP, MPH
Norfolk State University	Norfolk, VA	*Materials Science *Biotechnology	Communication, Entrepreneurship
University of the District of Columbia	Washington, DC	*Water Resources *Applied Statistics *Forensic Science	MBA, MPA, Law
University of Maryland, Eastern Shore	Princess Anne, MD	*Fisheries: (1) Quantitative Fisheries Science and (2) Socioeconomics	Organizational Leadership
Virginia State University	Petersburg, VA	*Actuarial Science	Economics, Educ. Leadership
American University (Associate)	Washington, DC	Existing PSMs in * Biotechnology * Environmental Science & Assessment	MBA, MPA, MSOD, MPP, Int'l service, Public Policy, Law

Approach and Progress

- 6/08 Formed core planning and organizing team
- 9/08 Obtained planning grant from Alfred P. Sloan Foundation
- 12/08 Invited all eligible institutions to planning workshop, held at CGS 2008 Fall meeting
 - Input for MOU
 - Unanimous enthusiasm!
- 3/09 PSM program planning & coordination workshop held for faculty & administrators
- 7/09 Alliance established, with MOU signed by Presidents of eight charter institutions
- 8/09 Implementation proposal submitted to Sloan Foundation
- 10/09 Sloan Board approves implementation funding

Why Launch This Alliance?

- **Not even one** Historically Black College or University (HBCU) is among the institutions of higher education offering Professional Science Master's degrees.
- Fewer than 10% of PSM students and graduates nationwide are under-represented minorities, yet **employers seek racial/ethnic diversity** in their workforces.
- The Mid-Atlantic/National-Capital region is **extraordinarily rich in STEM-intensive employers: government, industry, non-profits and NGOs.**
- Financial assistance for PSM program implementation targets systems not individual campuses, and **\$\$ helps raise institutional priority for new programs.**
- Potential for **synergies, economies, and efficiencies** in serving employers and students

Alliance Purpose and Principles

Purpose: To develop and coordinate new PSM degree programs at HBCUs that serve the needs of diverse global and, in particular, Mid-Atlantic regional employers; and to develop a highly skilled, diverse workforce in the region by enrolling significant numbers of African-American and other underrepresented students in these PSM programs.

Principles

- 1) We share a strong commitment to diversity and to increasing substantially the number and proportion of students from traditionally underrepresented demographics served by our PSM programs.
- 2) The PSM programs will be designed and developed with significant employer engagement in planning and assessment.
- 3) The home institution makes admissions decisions and sets and controls the degree requirements for its students.
- 4) Students admitted to PSM programs at any Alliance institution are eligible to enroll in PSM courses offered at any other Alliance institution.
- 5) The Alliance-wide and inter-institutional procedures and processes that affect students must be seamless and transparent to students to the maximum extent allowed by law and regulation.
- 6) Member institutions commit to good faith cooperation to develop and offer complementary PSM programs and courses.

Build on HBCUs' Phenomenal Record in STEM Education*

- ✓ 12% of AA undergraduates
- ✓ 21% of AA baccalaureate degrees
- ✓ About HALF of the national cohort of AA BS graduates in some STEM fields.
- ✓ Baccalaureate institution for 33% of AA Ph.D. recipients
- ✓ Enroll ~1/6 AA grad students and award ~1/7 AA doctorates

* NSF 09-305 (2009) & Burrelli & Rapoport, NSF 08-319 (2008). Data for 2006.

Next Steps

- Unveil Alliance Web site: www.hbcu-psm-alliance.org
- Complete market survey of regional employers and prospective students
- Establish inter-institutional procedures
- Develop & implement 16 new, coordinated PSM programs over 3 years: at least 6 by Fall 2010
- Evaluate & disseminate performance, synergies, & outcomes

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