

MINORITY SERVING INSTITUTIONS: America's Underutilized Resource for Strengthening the STEM Workforce

Access free report at:
www.nas.edu/MSISTEM



Statement of Task

- Identify successful examples of programs on MSI campuses
- Identify key challenges, obstacles, and opportunities facing MSIs
- Identify key institutional components for scalability and sustainability of MSI programs
- Identify public policy interventions

Key Report Messages

- Urgent national need for STEM professionals
- Educational outcomes and STEM readiness of students of color will have direct implications on America's workforce
- MSIs serve as a valuable resource to fill STEM workforce needs

Key Finding

Intentionality is Critical to Student Success

“A calculated and coordinated method of engagement used by institutions, agencies, organizations, and the private sector to effectively meet the needs of a designated population, in this case within a given higher education institution”

Promising Practices and Strategies

- Dynamic, multilevel, mission-driven leadership
- Institutional responsiveness to student needs
- Campus climates that support a sense of belonging for students
- Student-centered academic and social supports
- Effective mentorship and sponsorship
- Undergraduate research experiences
- Mutually beneficial public- and private-sector partnerships