



Presentation to the National Academies Committee on Revitalizing Graduate STEM Education for the 21st Century

*Practices to Broaden Participation in Graduate Education and
in the Master's & Ph.D. Workforce*

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Creating “Pathways” to the Graduate Degree

- Creation of Comprehensive “Pathway” Programs
 - NC State Initiative for Maximizing Student Diversity (NIH)
 - Pre-College Outreach
 - Undergraduate Research Experiences
 - 2- Year Graduate Student Start-Up RA's
 - Professional Development, Networking Retreats
 - Faculty, Peer and Near Peer Mentoring
- Partnering with Graduate School Preparation Programs
 - Outreach and Multi-Disciplinary Campus Visitation Programs
 - Targeting Scholars in NSF, NIH and ED Programs (e.g., LSAMP, RISE, McNair)
 - Providing Education on How to “Shop Around” for the Best “Fit”
- Working as a Team with NC State Colleges and Graduate Programs
 - Recruiting Proposals - with Diversity Emphasis
 - Diversity Recruiting Fellowships
 - Partnering with Faculty on Writing Proposals



Creating an Environment That Fosters Success

- Networking & Creating Community
 - Graduate Student “Crosstalks”
 - Brown Bag Lunches for Graduate Fellows
 - Graduate Student Research Symposium
- Support of Student Organizations
 - Black Graduate Student Association (BGSA)
 - Networking Across Disciplines
 - Participation in Creating a Pathway to the Graduate Degree
 - Workshops, Celebrations of Success, Role Modeling
- Fellowships and Grant Programs
 - Diversity Enhancement Grants
 - SREB Doctoral Scholars Program
 - Includes Funding, Networking and Professional Development

