Building a Model of Collaboration Between Minority and Majority Universities: Earth System Science, Remote Sensing, and Beyond

Elizabeth City State University
and
University of New Hampshire

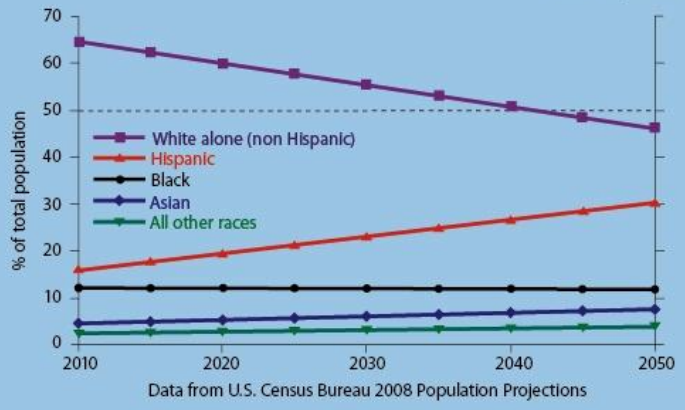
Elizabeth City State University and University of New Hampshire:

Building a Model of Research and Education Collaboration

The overarching goal of the ECSU–UNH partnership is to demonstrate how two demographically diverse universities in two geographically diverse coastal regions with specific disciplinary strengths effectively collaborate on research and education programs. Our joint ventures are designed to expand scientific knowledge, broaden the participation of underrepresented minorities in the STEM disciplines, and enhance teaching and learning opportunities. Further, we are committed to careful evaluation of these efforts and to broad dissemination of the unique knowledge gained through this work.*

Opportunities to build on the solid foundation of this partnership rely on further engagement with federal agencies, foundations and corporations, and innovative linkages with minority professional organizations, all entities that have shown commitment to broadening participation in the STEM disciplines.

*For example: Williams JE, CP Wake, LB Hayden, ED Abrams, GC Hurtt, BN Rock, KG Graham, S Hale, WA Porter, RH Blackmon, M LeCompte, D Johnson (in press); Building a Model of Collaboration Between Historically Black and Historically White Universities. *Journal of Higher Education Outreach and Engagement.*



Data from U.S. Census Bureau 2008 Population Projections

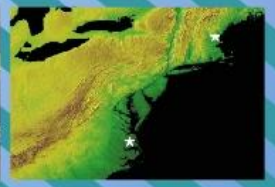
Key Partners

Federal Agencies, Foundations, Corporations and Minority Professional Organizations

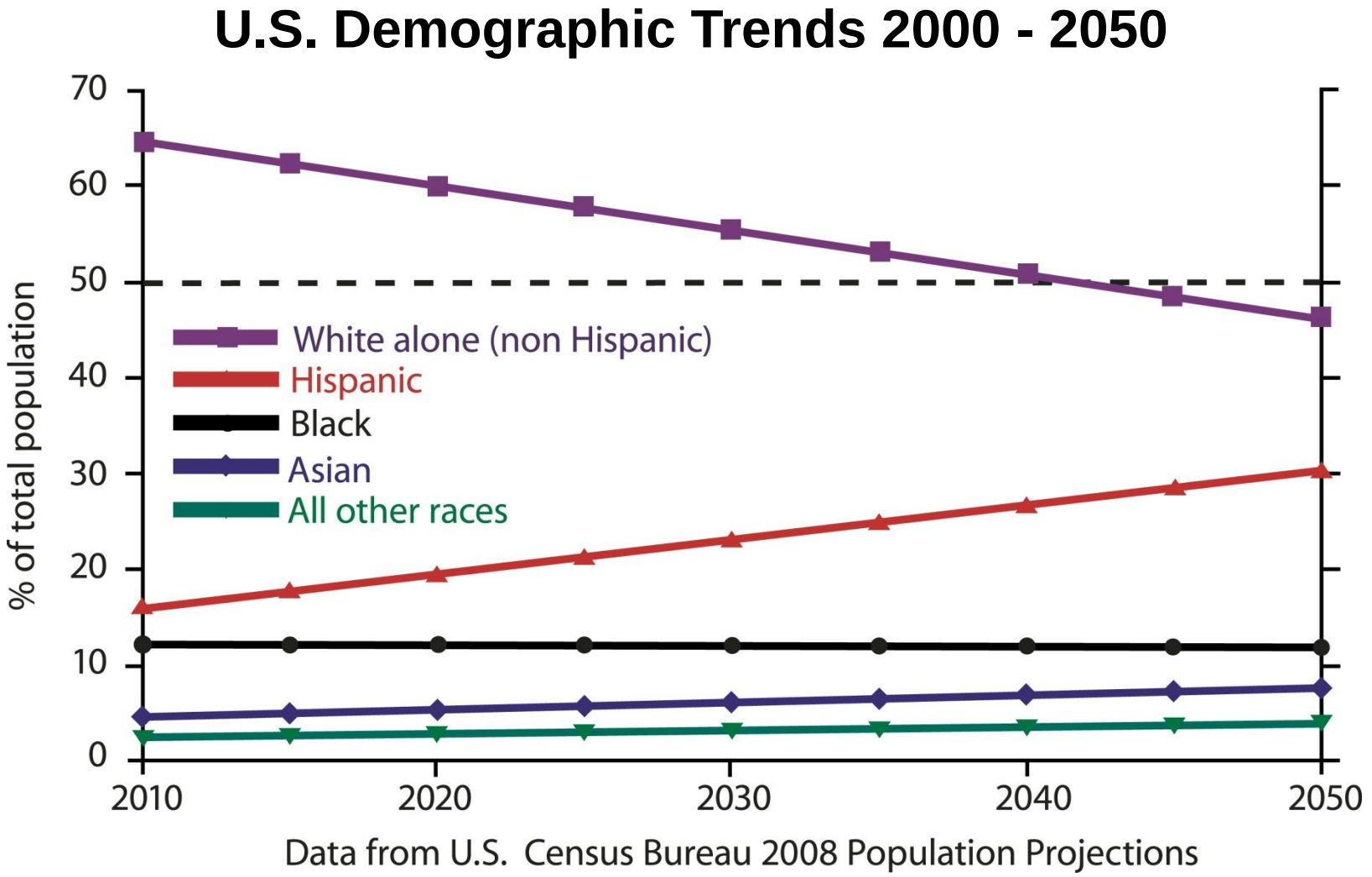
ECSU–UNH Collaborative Proposals 2004–2009

Emergency Preparedness	DHS	$25,000,000
Environmental Literacy	NOAA	$500,000
Watershed Watch	NSF	$1,950,000
Northeast Alliance	NSF	$650,000
Next Generation	NASA	$583,000
National Center for Hydrologic Synthesis	NSF	$183,000
Enhancing Diversity	NSF	$85,000
Transforming Earth Systems Science Education (TESSE)	NSF	$3,100,000
PIRE: Developing a Manufacturing Bridge for the Nano and Micro Worlds	NSF	$5,000,000



Changing Demographics



Collaborative Proposal Submissions 2004 - 2009




- **DHS Emergency Preparedness** — **$25,000,000**
- **NOAA Environmental Literacy** — **$500,000**
- **NSF STEP** — **$1,000,000** ✓
- **NSF AGEP** — **$650,000** ✓
- **NASA Next Generation** — **$583,000** ✓
- **NSF Nat'l Center Hydrological Synthesis** — **$183,000**
- **NSF GEO - Enhancing Diversity** — **$85,000**
- **NSF GEO – Teach** — **$3,100,000** ✓
- **NSF PIRE** — **$5,000,000**