



Minority Serving Institutions Update

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National Center for Supercomputing Applications

Track One

Minority Serving Institutions (MSI) Access Grid Project

- Education, Outreach & Training-Partnership for Advanced Computational Infrastructure (EOT-PACI)
- Advanced Networking with Minority Serving Institutions (AN-MSI)
- National Science Foundation (NSF)
- National Center for Supercomputing Applications (NCSA)



AG Retreat 2004

MSI Participants

- Bethune-Cookman College
 - Alson Been
 - John Hofmann
- Clark-Atlanta University
 - Rollin Guyden
 - Michael Smith
- Florida A&M University
 - Nick Christopher
- Florida International University
 - Albert Oria
- Howard University
 - Charita Brent
 - Julius Grant
- Our Lady of the Lake University
 - Carl Buckert
 - Johnnie Spraggins



AG Retreat 2004

MSI Participants

- Tribal Virtual Network
 - Lee Derks
 - Jeffery Edaakie
- Winston-Salem State University
 - Donell Sanders
 - Stephen Maat



What made deployment project possible?

- Developed trust & relationships w/ MSIs
- Institutional leadership & buy in
- Equipment more affordable
- Scalable (PIG)
- Network in place



MSI AG Pilot schools

- Bethune-Cookman College, FL
- Clark-Atlanta University, GA
- Florida A&M University, FL
- Florida International University, FL
- Fond Du Lac Tribal & Community College, MN
- Our Lady of the Lake University, TX
- University of Texas at El Paso, TX



Additional MSI AG Sites

- Jackson State University
- Winston-Salem State University
- Howard University
- Tribal Virtual Network



AG Equipment Deployment

- **Personal Access Grid**
 - Our Lady of the Lake
 - University of Texas at El Paso
- **Mini Access Grid**
 - Clark Atlanta University
 - Florida International University
- **Full AG Node**
 - Bethune-Cookman College
 - Florida A&M University



Minority Serving Institutions AG Project



MSI AG Training



Bethune-Cookman College July23-25, 2003



MSI AG Training



Hands-on Training Sessions



Initial Findings:

Expectations

- A steadfast commitment to achieving project aims and goals
- Act as effective advocates of supercomputing at their campuses
- Seize upon the gains in teaching, learning research and institutional collaboration



Initial Findings:

Benefits/Purpose

- Increased communication & Collaboration
- Expansion of Educational Services
- Student Competitiveness & Preparation
- Enhanced Institutional Credibility and Status
- Cultivation of New Knowledge/Ideas



Initial Findings:

Capacity/Preparedness

- Need to update networking system & hardware
- Initial efforts will be promoting the use of AG among, faculty, students and administrators.
- Create policies and procedures to govern the access and use of technology
- Implementing workshops



Emerging MSI AG Sites

- North Carolina A&T University
- Rust College
- California State University, Dominguez Hills
- Saint Augustine's College

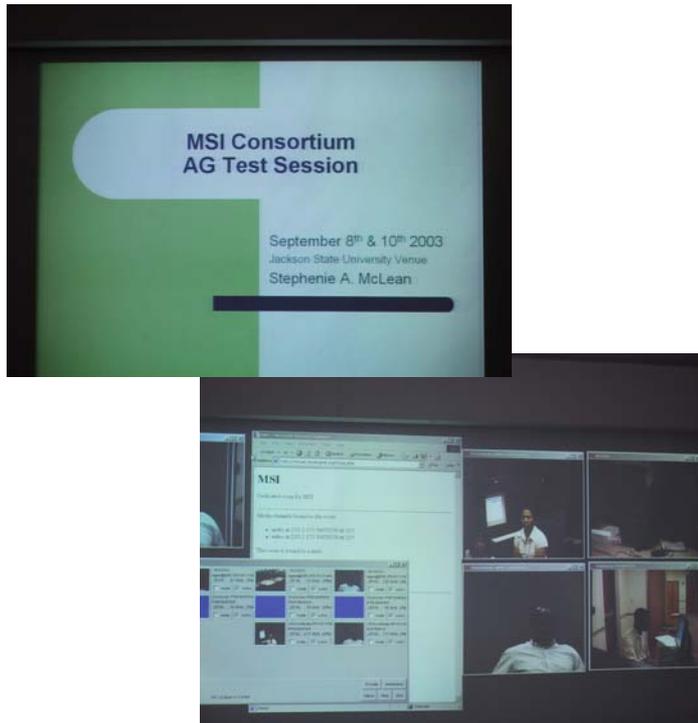


MSI AG Project Milestones

- Preliminary Identification of pilot schools
- AG Retreat 2003- April 2003
- NCSA Build machines & load software
- Access Grid Training July 2003
 - Jackie Kerns (NCSA), George Estes (NCSA), Jennifer Tieg von Hoffman (BU)



MSI AG Project Milestones



- Access Grid Deployment
 - **7 sites August 2003**
- AG set up at MSIs
- Set up MSI virtual venue- August 2003
- Begin MSI AG Test sessions August 2003



MSI AG Project Milestones

- 1st MSI Consortium Meeting over AG Sept. 2003
- SC Global 2003- 5 MSI sites November 2003
 - Bethune-Cookman College
 - Winston Salem State University
 - Florida A&M University
 - Jackson State University
 - Florida International University



SC Global 2003

MSI Participant Grant Program



MSI AG Project Milestones

- Engaging MSIs in Cyberinfrastructure AG Meeting- April 2004 Largest number of MSIs on the AG...**9 sites**
- Increased participation in weekly sessions. May 2004.
- **7 MSI teams** attend AG Retreat- June 2004



Challenges

- Executive Awareness
- Staff Turnover
- Network
- Funding



Recommendations

- Availability of follow up services
- Continuous Training
- On-going Evaluation
 - Case Studies
- Executive Awareness



THANK YOU!

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NCSA

MSI Consortium

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