Fostering Innovation Through Inclusion

Center for Minorities and People with Disabilities in IT (CMD-IT)

501 (c)(3) Non-profit Organization
CMD-IT’s Vision

Contribute to the national need for an effective workforce in computing and IT through inclusive activities related to minorities and people with disabilities.
What CMD-IT Offers

To promote innovation that enriches, enhances, and enables these communities

- **Linkages** for national-scale efforts
- **National agenda** for transformative changes
- **Organized leadership** initiatives
- **Resource** for information and statistics

To insure that under-represented groups are fully engaged in computing and information technology

- Professional Development
- Culturally-Relevant Tools w/ BGC & After School
- Video Archive of Researchers
- Student Competition

Diversity as Innovation Resource Workshops
Graduation Statistics
E-Newsletter

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Diversity as an Innovation Resource Workshops

Community-based Projects

Industry Outreach Initiatives

Company Competitions

Senior Project Courses

Projects to retain UG students in computing

Projects to Engaged HS Students

Community Issue
Diversity as an Innovation Resource 2012

• Focused on *Math Education Delivery for Middle School Students in Under-served Communities*
  – Speak Up 2010 report indicates
    • Smart phone access for middle and high school students jumped 42% from 2009 to 2010
    • 34% of grades 6-8 and 44% of grades 9-12 have smart phones

• Time frame: June 19-20, 2012 at AAAS
• Constituencies
  – Administrators, teachers, students from under-served communities
  – Researchers in ethnomathematics, math frameworks, mobile applications, assessment
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Graduation Rates – BS in CS

Source: WebCASPAR using IPEDS/NCES data by Race/Ethnicity for Academic Discipline = Computer Science and Taulbee Survey for CS only.
CMD-IT BOA

- Dr. Faye Briggs, Intel
- Dr. Stuart Feldman, Google
- Dr. Susan Gerhart, Research Outlet & Integration
- Dr. Sandra Johnson, IBM
- Corey Kirkendoll, VCE
- Dr. Shirley Malcom, AAAS
- Dr. Daniel Reed, Microsoft Research
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- Toni Smith, Schlumberger
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- Miriam Vializ-Briggs, Briggs & Briggs Marketing
- Dr. Kenneth Washington, Lockheed Martin Space Systems
- Dr. Telle Whitney, ABI