HBCU / MI Technology Infusion Road Tour

University of Texas El Paso

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Completing a Needs Assessment

- Understand the Mentor Protégé Agreement
- Requirements for HBCU/MIs
  - 70% of hours dedicated to business developmental activities
  - 30% of hours dedicated to technical developmental activities
  - Activities need to be focused on delivering a win-win-win for NASA, Protégé, and Mentor
Completing a Needs Assessment

• Determine what the Protégé wants to get out of the agreement
  – Develop strategic relationships with industry partners
  – Enhance infrastructure (i.e., new software, equipment, etc.)
  – Provide research opportunities for staff and training
  – Inject financial assistance in the form of scholarships for students
  – Provide employment opportunities to students in the form of internships or co-ops
Completing a Needs Assessment

• Determine what the Mentor wants to get out of the agreement
  – Pool of talent / resources (i.e. knowledgeable professors and enthusiastic students)
  – Diversify supply chain and infuse innovation – source for R&D efforts
  – Strategic long-term value as a partner
Completing a Needs Assessment

• Brainstorm the following:
  – What can the Protégé offer the Mentor and vice versa?

• Things to keep in mind:
  – Do the wants of the Protégé fulfill the needs of the Mentor?
  – Are the activities proposed achievable and measurable?
  – Are there sufficient resources available to ensure the program is successful?
  – How do the activities benefit NASA?
AR / AAMU Mentor-Protégé Activities

• AR / Alabama A&M University (HBCU) Mentor-Protégé Agreement established from 2012 to 2014

• Activities completed included:

- Job Shadowing
- Engineering Training
- Executive Lecture Series & Executive / Faculty Exchange
- Career Fairs & Professional Development
QUESTIONS???
CHALLENGES
PRIMES ENCOUNTER
Challenges Primes Encounter

• Significant gaps between wants of Protégé and needs of Mentor
• Different business infrastructure / organization
• Finding subcontracting opportunities
• Schedules