What to Consider When Selecting Tools That Best Match Research and Evaluation Efforts to Programmatic Goals

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iSTEM - Innovative Science, Technology, Engineering and Mathematics Strategy Project:
Encouraging STEM Careers through Innovation
Cynthia E. Trawick, Ed.D. Principal Investigator,
Willie S. Rockward, Ph.D. & Tiffany R. Bussey, D.B.A. Co-Directors
Jamie P. Clayton, M.Ed. Program Manager
Morehouse College
Atlanta GA

Funded through the National Science Foundation ITEST grant (DRL-1512957)
Relevance to Community:

1. Culturally Responsive

2. Linguistically Appropriate

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Relevance to Community cont:
3. Participant Age and Generational Issues
4. Educational Level
5. Literacy Level

# choices given (3, 5, or more)
words vs symbols
Midpoint or Forced Choice

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Relevance to Community cont:

0 1 2 3 4 5

NO  Sometimes  YES

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Size of Project

• Qualitative vs Quantitative Balance
  (whole other talk ....)

• Confidentiality
  — Can you Identify the Subjects?
    Demographics (gender, gender identity, race, age, etc)
    Subsets (mentor, group, project)

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Goals and Budget

• Does it Match Goals and Measurable Objectives
• Realistic Effort and Time
• Scope Creep

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Participant Burden

- How many Questions/Time to Answer
- Number of Times you Ask Questions
- Attention (can you change from positive to negative)
- Sensitivity to Questions
Validity

• Whole other talk.......
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Questions
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