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
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Willie S. Rockward, Ph.D. & Tiffany R. Bussey, D.B.A. Co-Directors
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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

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Validity

- Whole other talk…….

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Questions

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