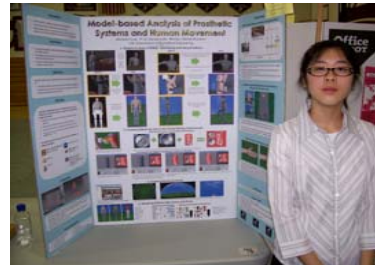


ERC Common Survey Proposal

Development of an ERC common instrument to measure impact on student attitudes toward STEM



Facilitators

- Joe Cocozza, BMES
- Alyssa Burger, CCEEP
- Adah Leshem-Ackerman, CBiRC
- Meredith Kupinski, CIAN



Utility of a common ERC survey

- Snapshot of students' attitudes toward STEM
- Baseline measurements
- Evaluation of ERC outreach programs
- Identify STEM cohorts
- Research
- Longitudinal study
- National database
- Diverse populations
- Community of Practice



ERC Common Survey Proposal

Research Question: Do ERC-driven outreach programs have an evidence-based impact on K-12 student attitudes towards STEM?

Overall Objectives:

1. To develop an ERC common survey to measure and monitor K-12 students attitudes toward STEM.
2. To distribute the survey to K-12 populations throughout the ERC system, collect and analyze student attitude data and disseminate findings.

Focus: To solicit input, feedback and ideas from ERC outreach personnel concerning the proposal to develop a common ERC survey that measures/monitors K-12 student attitudes toward STEM.



Breakout Session Format

- Small Group Discussions
- Reconvene and Report Findings
- Summarize
- Decide Immediate Next Steps

<http://k12erceducation.ning.com>

- Sign-out/up



Caucus Questions

1. What are your thoughts about a need to generate evidence-based findings of potential impact of the ERC educational programs on student attitudes about science/engineering?
2. What are your thoughts about the development of a common survey to measure the potential impact of the ERC educational programs on students' attitudes about science and engineering?
3. What are critical considerations that should be taken into account in implementing a common survey?
4. What actions would you recommend?
5. What role could you play?
6. How could the findings of the survey be used?
7. What would be the possible impact of the findings on the development of ERC programs and school curricula?

