

STEM POSIUM

STEM Practices that Promote District and Campus High Performance

STEMposium Details

May 10, 2017 from 8:00am-3:00pm
Complimentary light breakfast & lunch provided

info.acceleratelearning.com/michigan_stemposium

Michigan Science Center
5020 John R Street, Detroit, MI 48202

ABOUT the MICHIGAN

STEMposium

The global STEM crisis must be addressed if the United States is to remain a global leader. The problem lies not only in the lack of opportunity we provide students but also how we expose them to STEM early on. The keys to effective STEM initiatives are the application of 21st-century skills, three-dimensional instruction, student-centered pedagogy, and authentic learning experiences. STEMposium professional development seminars model the practices of STEM instruction that help practitioners transform the way STEM is taught on a campus or across a district. Attending a STEMposium helps participants learn to critically evaluate STEM instruction, integrate the components of STEM, establish the high yield instructional practices conducive to a STEM campus, and foster teachers' professional growth as STEM educators.

the DAY'S AGENDA

Breakfast

- 1. What is STEM?**
 - 2. Utilizing the Practices of STEM**
 - 3. Why STEM and Why Now?**
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Lunch

- 4. How Does STEM Address Inquiry?**
- 5. What Matters Most in Creating a STEM Centered Classroom?**
- 6. STEM in Action**
- 7. Putting it All Together - Academic Achievement, Rigor, and STEM**



PRESENTED BY

Dr. Terry Talley began her career teaching science in grades 6-9 for 14 years. She subsequently served as a district science supervisor in two large districts in Texas for 10 years. In her endeavors to make the most effective possible impact in education, she targeted in-service teachers at University of Texas Medical Branch and frequently went into their classrooms to model the best practices in STEM instruction. She is now National STEM Director at RICE University and travels throughout the country delivering STEMposiums to further impact high-quality STEM education. Dr. Talley is the author of: *The STEM Coaching Handbook; Working with Teachers to Improve Instruction.* (2017)