



Fourth Annual Conference

Engaging Secondary School Students and Their Communities

Forum Breakout Session

STEM: Bringing Relevance to Rigor

Facilitator:

Erick Lang, *Associate Superintendent, Office of Curriculum and Instructional Programs,
Montgomery County Public Schools*

Presenters:

Anita O'Neill, *Science Supervisor, Montgomery County Public Schools*
Ed Ball, *Coordinator, Engineering, Media, Montgomery County Public Schools*
Karen Roberts, *Program Coordinator, Elementary/Middle School Mathematics,
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Science, Technology, Engineering, and Mathematics (STEM) education is a primary focus of state and national agencies and policy makers. STEM education will ensure that 1) future scientists, engineers and mathematicians can initiate and support research for our country's continued competitiveness; 2) workers are technologically proficient and capable of dealing with the demands of a science based, high-tech workforce; and 3) voters and citizens are mathematically and scientifically literate capable of understanding and directing decisions about public policy. How is MCPS meeting the STEM education challenge? What steps have been taken to bring relevancy to existing rigorous instruction to ensure all MCPS students are STEM literate? This session will highlight several MCPS STEM initiatives as well as provide participants the opportunity to identify expansion opportunities for STEM education.