

The Research Is In – CTE Benefits All Students

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The presenter will discuss the findings of a recent National Science Foundation two-year project that worked with CTE and traditional STEM classroom educators. The project embedded a new model for creating equitable learning environments with STEM curricular applications and the engineering design process (serving as the pedagogy). An external research organization followed the faculty and staff and reported out their findings that highlighted significant impact on student behavior, such as increased student retention, course interest and engagement, and advancement to higher level courses and programs. The study also demonstrated increased satisfaction with teaching among participants. Participants will learn about the research project, the new model that returns the discussion to equity for all, and how career and technical education in Pennsylvania is leading the way to benefit special populations and all students!

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