

EDUCATOR CAPACITY BUILDING IN PRE K-12 ENGINEERING EDUCATION

A Panel on *Overarching Issues and Opportunities Facing U.S. STEM Education: Implications for the Project*

Panel Members

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INTRODUCTION

ENGINEERING AS A SUSTAINABLE COMPONENT OF EDUCATION

- Think of the place and priority of science and mathematics in American education.

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- Contemporary STEM education presents an opportunity to make engineering a sustainable component of American education.

STEM AND RESPONSES TO CONTEMPORARY PRIORITIES

- New State Standards
- Every Student Succeeds Act of 2015
- STEM Related Local, National, and Global Issues
- School Choice and Current Administration
- Moving STEM Beyond a Slogan to Policies and Programs

OPPORTUNITIES FOR ENGINEERING EDUCATION

- Assessment and Accountability
- Professional Learning for Teachers
- Materials for Curriculum and Instruction

CONCLUSION