

INDUSTRY CONNECTIONS

Name of Submitter: LaTricia Townsend

Submitter Email: ldtownse@ncsu.edu

Creating Meaningful STEM Industry Partnerships in Rural N.C. Schools

This presentation will discuss industry partnerships and their impact on the implementation of an NSF-funded community-based engineering design course for underrepresented middle school students in rural North Carolina. The project aims to show students the range of STEM advanced manufacturing career options available in their local community and to teach them the technical and essential skills needed for these careers. The project has meaningful industry partnerships with Pfizer, Cummins, LS Cable & System, Kehein, and Poppies International where they serve as project advisors, collaborate on curriculum development, act as invited guest speakers in the classroom and host site tours of their manufacturing facilities.

Presentation Target:

Industry

Presenter(s):

1. LaTricia Townsend, Co-PI NSF DeSIRE Grant
2. Tameshia Baldwin, Teaching Assistant Professor and Engineering Education Liaison
North Carolina State University