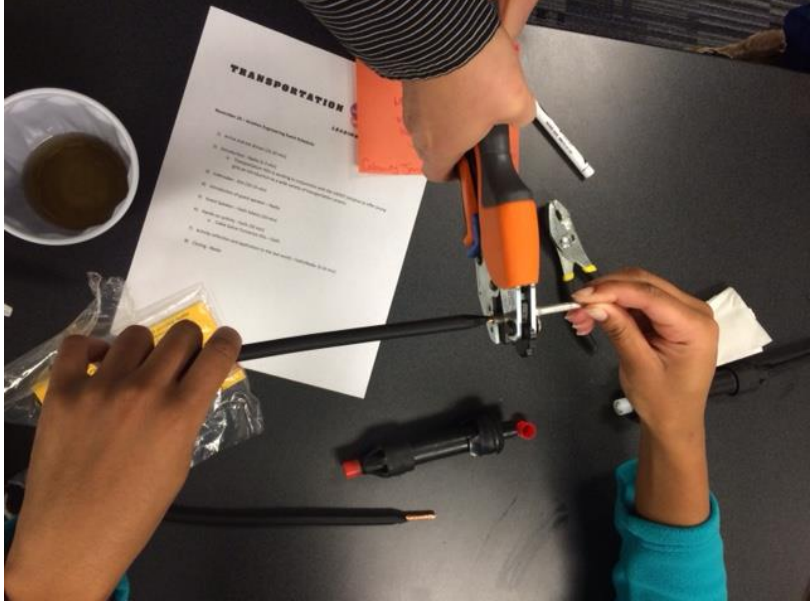


<b>UTC Project Information</b>	
<b>Project Title:</b> Engineers Change the World: A Hands-on Workshop for 13- to 18-Year-Old Girls	
<b>University</b>	University of Florida
<b>Principal Investigator</b>	James B. Martin
<b>PI Contact information</b>	919.515.8620 (ph) 919.515.8898 (fax) jbm@nscu.edu
<b>Funding Source(s) and Amounts Provided (by each agency/organization)</b>	STRIDE: \$42,452 Match: \$42,452
<b>Total Project Cost</b>	\$84,904
<b>Agency ID or Contract Number</b>	2013-028S
<b>Start and End Dates</b>	August 1, 2013 to January 1, 2015
<b>Brief Description of Research Project</b>	
<p>Performance measurement requires the consideration of a wide array of measures; which should be mapped to agency goals and objectives, and to identified issues associated with the region or specific system under consideration. Some efforts have been conducted to incorporate fuel consumption and emissions, and to a much lesser degree safety, in signal timing optimization. Despite the availability of some studies on these subjects, no guidelines or tools are available to assist traffic engineers in their evaluation and optimization of signal control based on related measures. The goal of this research is to recommend methods and models for assessing and reduce environmental and/or safety impacts associated with signal timing, in combination with mobility measures.</p>	

<p>Describe Implementation of Research Outcomes (or why not implemented)</p>	
<p>Place Any Photos Here</p>	
<p>Impact/Benefits of Implementation (actual, not anticipated)</p>	
<p>Project Website</p>	<p>Final Report (STRIDE Website): <a href="http://stride.ce.ufl.edu/uploads/docs/STRIDE_Engineering-For-Girls-Too-FinalReport_Martin_2013-028S.pdf">http://stride.ce.ufl.edu/uploads/docs/STRIDE_Engineering-For-Girls-Too-FinalReport_Martin_2013-028S.pdf</a></p> <p>Final Report (TRB/TRID): <a href="https://trid.trb.org/view/2015/M/1343105">https://trid.trb.org/view/2015/M/1343105</a></p>