In order to ensure that young people are attracted to the transportation jobs of the future, STRIDE is working to develop local, state, and national partnerships throughout the transportation and education communities while collaborating on outreach programs within the southeast region consortium.

**How do engineers keep tall structures from tumbling?**

**Family Engineering Night** *(above left)*
MSU, UAB, FIU and UF are hosting Family Engineering Nights at local elementary schools. Family Engineering Night is an informal engineering education program that engages elementary-age children and their families in fun, hands-on, engineering activities.

**Engineers Change the World – A Hands-on Workshop for GIRLS 13-18 Years Old** *(top right)*
NCSU and UF have collaborated with the North Carolina Department of Transportation (NCDOT) and the Women’s Transportation Seminar (WTS) for this project, which includes a series of one-day workshops targeted at girls in high school. Speakers, role models, mentors, and experimental, hands-on activities serve to engage and inspire.

**LEGO® Robot Vehicle Lesson Plans** *(bottom left)*
NCSU, UF, and FIU are offering LEGO® Robot Vehicle Lesson Plans for Secondary Education. The “Introduction to Transportation Engineering” curriculum, developed at UF, is offered to students in grades 5-8. The lessons contain the fundamentals of transportation engineering, which teach students how advanced technology is integral to solving transportation problems.

**Transportation Career Day** *(bottom right)*
A Transportation Career Day will be held at UF and FIU to introduce transportation to high school students, their parents, and school counselors. A Traffic Simulation Workshop has been piloted at UF. Social media will be used to continue to engage participating students in future transportation research activities and transportation-related events.