

**University of Toledo Diversity Action Grant
Electrical Circuits and Aerodynamics Projects for Female High School Students**

The University of Toledo's ASME Student Section's Diversity Action Grant was used to coordinate several engineering oriented projects to promote engineering among younger students in the surrounding community. Four of the projects involved working with a local girl's high school, St. Ursula Academy. The projects included the design and construction of a model arm, a wind-energy project, the design and construction of rubber-band driven airplanes, and helping students prepare for their JETS Math Competition. Along the way, ASME members tried to eliminate engineering stereotypes, teaching the high school students that engineering was not just about sitting at a desk all day creating computer aided drawings. In addition to their work at St. Ursula, University of Toledo ASME members provided assistance with an engineering project at an inner-city junior high, worked with elementary-aged students on model airplanes, and worked with the Student Section of the National Society of Black Engineers organizing a First Lego League project for the upcoming academic year. The University of Toledo ASME student section took full advantage of the assistance provided by the Diversity Action Grant to promote engineering to the youth in the surrounding community.

Summary

Partnering Organizations: National Society of Black Engineers

Overall Attendance: 100

Women: 50

Minorities: 10

Grant: \$1100