Undergraduate Research Assistant Opportunities

CIVIL ENGINEERING
MECHANICAL & MATERIALS ENGINEERING

What is MwRSF:
- an internationally-recognized organization which conducts highway/roadside/race track safety research
- design, develop, test, and evaluate roadside safety features, including guardrails, bridge rails, end terminals, crash cushions, sign supports, and luminaire poles
- developed the SAFER Barrier, an energy-absorbing barrier system for high-speed race track applications, and continue to develop and improve other race track safety features in cooperation with Indy Racing League, Indianapolis Motor Speedway, and NASCAR
- conduct cost-effective analyses in order to determine the appropriateness of safety improvements
- recognized as a leader in computer simulation modeling of roadside safety features through FHWA's Center of Excellence

Skills Required:
- outstanding academic performance in core engineering classes
- self-motivated, dependable, and work independently as well as on a team
- PC literate
- experience with Microsoft Office
- experience with computer-aided drafting software (Solidworks, AutoCAD)

To apply, email cover letter, resume, and unofficial transcript generated in MyRed to:
Ms. Karla Lechtenberg
kpolivka2@unl.edu

Questions should be directed to: Karla Lechtenberg kpolivka2@unl.edu