Undergraduate Research Assistant Opportunities

**CIVIL ENGINEERING**

**MECHANICAL & MATERIALS ENGINEERING**

**CONSTRUCTION MANAGEMENT**

**MECHANIZED SYSTEMS MANAGEMENT**

**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/construction management/mechanized systems management classes
- self-motivated, work independently, and highly responsible
- PC literate
- word-processing and spreadsheet software experience
- computer-aided drafting software (Solidworks, AutoCAD) experience a plus
- handle the weather elements
- construction/farm background is a plus

To apply, email cover letter, resume, and unofficial transcript (generated in MyRed) to:

Ms. Karla Lechtenberg  
Research Engineer  
kpolivka2@unl.edu  
(402) 472-9070

For questions please contact: Ms. Karla Lechtenberg, kpolivka2@unl.edu