# Student Employment Opportunity

**POSITION TITLE:** Undergraduate Research Assistant  

**SALARY & BENEFITS:** Salary $9-$12 per hour, DOE.  
- Work Study preferred.  
- Excellent on the job training and career experience.  
- Opportunity to learn new skills and apply those learned in the classroom.  
- Good team atmosphere.  
- Close to campus.  
- Free parking.  

**HOURS:** 10-20 hrs/wk beginning as early as September 2016.

**JOB DESCRIPTION & TASKS:** The student research assistant will be responsible for reviewing and documenting technical literature and educational resources relevant to Intelligent Transportation Systems and related topics. Other tasks include preparation of professional publications and educational materials, stakeholder outreach, and general research tasks. Depending on experience, the student research assistant may also help with website / web application design, development, maintenance, and verification.

**REQUIRED QUALIFICATIONS:**  
- Excellent written and oral communication skills;  
- Outstanding work ethic and skills;  
- Ability to work effectively as part of a team;  
- Interest in the subject matter;  
- Willingness and aptitude to learn;  
- Proficiency with Microsoft Office applications including Word, Excel, Publisher, and PowerPoint.  
- Good academic standing.

**PREFERRED QUALIFICATIONS:**  
- Work Study.  
- Experience with image editing and optimization for the web using Adobe Photoshop or similar.  
- Background and/or experience in website development and the use of web development tools such as Microsoft Expression Web, Adobe Dreamweaver, Microsoft Visual Studio, etc.  
- Experience with Microsoft Access.

Founded in 1994 by the Montana and California Departments of Transportation, in cooperation with Montana State University, the Western Transportation Institute has grown from a small, university research office into a nationally recognized center of excellence in rural transportation research and education. The U.S. Department of Transportation designated WTI as a University Transportation Center (UTC) in 1998; this status helped WTI achieve a national reputation for developing effective solutions to the real transportation challenges facing rural America. WTI continues to develop and enhance the capabilities and expertise of its research program, the size and diversity of its educational programs, and the effectiveness and reach of its technology transfer program. WTI's research focuses on safety and operations, winter maintenance and effects, road ecology, infrastructure maintenance and materials, systems engineering development and integration, mobility and public transportation, logistics and freight management as well as transportation planning.
and economics, with research and demonstration projects in more than 30 states.

The Systems Engineering Development and Integration group at WTI is researching and applying best practices to analyze, engineer, develop and integrate hardware, software and communication systems as applied to transportation. Our team strives to do the following:
- Develop useable information technology and communication systems to meet end user needs. (Develop/Integrate)
- Demonstrate systems engineering processes that leverage best practices to maximize limited resources. (Demonstrate)
- Analyze and evaluate systems and alternatives to recognize capabilities and limitations and to maximize utility. (Analyze/Evaluate)
- Raise awareness of systems engineering via work force development and education at all levels. (Train/Educate)

**APPLICATION PROCEDURE:**
Send resume and cover letter to contact (dgalarus@montana.edu) by application deadline.

**APPLICATION DEADLINE:**
Open until filled. Preference will be given to those who apply by 9/16/2016.

**CONTACT:**
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