

David Veneziano, PhD	
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EDUCATION

- PhD, Civil Engineering (Transportation Engineering), August 2006
- MS, Transportation Planning, Iowa State University, August 2002
- BS, Management, Iowa State University, May 2000

PROFESSIONAL EXPERIENCE

- Safety Circuit Rider, Iowa LTAP, InTrans, Iowa State University, May 2015–present
- Research Scientist, Western Transportation Institute, Montana State University, August 2006–May 2015

Professional experience has focused on conducting research and outreach in the areas of traffic safety, operations and Intelligent Transportation Systems. Other transportation-related research efforts include winter maintenance, planning, economic analysis, and remote sensing. Emphasis has been on local road safety, operations, and technology evaluation.

Outreach activities include workshops and training for local road agencies addressing various needs including safety, signing and marking, work zones, and maintenance.

SELECTED RESEARCH PROJECTS

- Preparing Local Agencies for the Future of Connected and Autonomous Vehicles, MnDOT, Feb. 2018–May 2019
- Severe Weather Index, Maryland DOT, February 2018–present
- Investigating the Necessity and Prioritizing Pavement Markings on Low Volume Roads, MnDOT, Jul. 2016–Jun. 2018
- Evaluation of Pavement Markings on Low Volume Rural Roadways in Iowa, Iowa DOT, May 2015–Dec. 2015
- Montana Weigh-in-Motion (WIM) and Automatic Traffic Recorder (ATR) Strategy, Montana DOT, May 2013–May 2015
- Rumble Strips: Existing Literature and the State of the Practice in New Mexico, New Mexico DOT, Dec. 2012–Feb. 2013

- Benefit-Cost Analysis of CDOT Fixed Automated Spray Technology (FAST) Systems, Colorado DOT, Nov. 2012–Nov. 2014
- Evaluation of a Variable Speed Limit System for Wet and Extreme Weather Conditions, Oregon DOT, Jun. 2011–Jun. 2012
- Cost Effective Local Road Safety Planning and Implementation, American Traffic Safety Services Association, Aug. 2011–Dec. 2011
- Federal Lands Traffic Calming, Federal Highway Administration Central Federal Lands Division, Sep. 2011–Aug. 2013
- Montana Rest Area Usage: Data Acquisition and Usage Estimation, Montana DOT, Jun. 2009–Feb. 2011
- Safety Evaluation of the Gateway Monument Demonstration Project, Caltrans, Jun. 2008–Sep. 2009
- Pilot Test of Automatic Vehicle Location on Snowplows. Montana DOT, Aug. 2006–Jul. 2007

SELECTED PUBLICATIONS

- Wang, Y. D. Veneziano, S. Russell, and A. Al-Kaisy. Traffic Safety Along Tourist Routes in Rural Areas. *Transportation Research Record*, No 2568, pp. 55-63, 2016.
- Veneziano, David, Anburaj Muthumani, and Xianming Shi. Safety Effects of Fixed Automated Spray Technology Systems. *Transportation Research Record*, No 2482, pp. 102-109, 2015.
- Veneziano, David and Leann Koon. *Survey of Western State Safety Warning Devices*. Western Transportation Institute, June 2014.
- Ewan, Levi, Ahmed Al-Kaisy, and David Veneziano. Remote Sensing of Weather and Road Surface Conditions: Is Technology Mature for Reliable ITS Applications? *Transportation Research Record*, No 2329, pp. 8-16, 2013.
- Veneziano, David and Xongxin Li. *Portable Concrete Barrier Condition and Transition Plan Synthesis*. FHWA/MT-12-002/8117-41. Montana Department of Transportation, Helena, June 2012.
- Ye, Zhirui, David Veneziano and Ian Turnbull. Safety Effects of Icy Curve Warning Systems. *Transportation Research Record*, No 2318, pp. 83-89, 2012.
- Veneziano, David, Natalie Villwock-Witte, and Ahmed Al-Kaisy. *Cost Effective Local Road Safety Planning and Implementation*. American Traffic Safety Services Association, December 2011.
- Al-Kaisy, Ahmed, David Veneziano, and Zachary Kirkemo. *Rest Area Use: Data Acquisition and Usage Estimation*. Western Transportation Institute, February 2011.
- Veneziano, David, Larry Hayden, and Zhirui Ye. *Effective Deployment of Radar Speed Signs*. Western Transportation Institute, December 2010.
- Veneziano, David, Douglas Galarus, Daniell Richter, Kelvin Bateman, and Shaowei Wang. *Rural Traveler Information Needs Assessment and Pilot Study*. Western Transportation Institute, December 2010.
- Veneziano, David and Christopher Strong. Application of Integrated Corridor Management to Rural Areas. Proceedings, 15th World Congress on ITS, New York City, NY, November 20, 2008.
- Veneziano, David and Christopher Strong. *Pilot Test of Automatic Vehicle Location on Snowplows*. Western Transportation Institute, July 2007.

- Hallmark, Shauna, David Veneziano, Thomas McDonald, Jerry Graham, Rushi Patel, and Forrest Council. *Safety Impacts of Pavement Edge Drop-offs*. AAA Foundation for Traffic Safety, September 2006.