

Eric D. Jackson, Ph.D. E.I.T.
 5 Corrine Dr. Tolland, CT 06084
 860-617-7470
e.jackson@engr.uconn.edu

EMPLOYMENT

Connecticut Transportation Institute, Storrs, Connecticut (Sept. 2009 to present)
 Assistant Research Professor
Connecticut Transportation Institute, Storrs, Connecticut (Sept. 2007 to 2009)
 Research Associate
University of Connecticut (Jan. 2003 to Sept. 2007)
 Graduate Research Assistant, civil engineering

EDUCATION

Ph.D. Civil Engineering, Spring 2008
 Transportation Systems, University of Connecticut, Storrs, CT
Master of Science Civil Engineering: December 2004
 Transportation Systems, University of Connecticut, Storrs, CT
Bachelor of Science Civil Engineering: May 2002
 Civil Engineering, University of Kentucky, Lexington, KY

AREA OF RESEARCH SPECIALIZATION

- Transportation travel surveys, survey database design and analysis
- Safety
- On-road vehicle tailpipe emissions data collection and analysis
- Vehicle dynamics and driver behavior
- Use of Global Positioning Systems (GPS) and Geographic Information Systems (GIS) technology in transportation data collection and analysis

Role	Percent Attributed	Short Title	Funding Agency	Grant Amount	Grant Start Date	Grant End Date
PI	100%	CT Safety Center	ConnDOT	\$1,852,865	Sept-12	Aug-2015
PI	60%	Crash Repo Phase II	ConnDOT	\$210,630	Oct-11	Sept-12
PI	100%	Crash Data Entry	ConnDOT	\$57,000	Mar-12	Sept-12
PI	75%	SafeStat	CASE	\$29,497	June-11	July-12
Co-PI	25%	Transportation Infrastructure	CASE	\$31,128	June-09	July-12
PI	90%	Photolog	ConnDOT	\$1,174,859	May-09	June-12
PI	60%	Crash Repo Phase I	ConnDOT	\$283,672	Oct-10	Sept-11
Co-PI	10%	Wetland Mitigation	CASE	\$19,968	May-09	July-11
Co-PI	50%	Travel Survey	ConnDOT	\$63,003	Oct-09	June-11
Co-PI	10%	Water Quality	ConnDOT	\$31,858	July-09	Dec-10
PI	90%	Design Build	CASE	\$19,887	May-09	June-10

TEACHING

Semester	Year	Course Number	Course Title	Enrollment	Student Evaluations Instructor/Dept/Univ Mean
Spring	2011	13350	ENGR 1166: Foundations of Engr.	25	9.5/7.0/8.7
Spring	2010	15025	ENGR 1166: Foundations of Engr.	25	9.0/7.7/8.8
Spring	2009	10776	ENGR 1166: Foundations of Engr.	25	9.4/8.4/8.7

PEER-REVIEWED JOURNAL PUBLICATIONS

Jackson, Eric and L. M. Aultman-Hall. Analysis of Real-World Lead Vehicle Operation for the Integration of Modal Emissions and Traffic Simulation Models. 2010. *Transportation Research Record: Journal of the Transportation Research Board*. Issue Number: 2158. ISSN: 0361-1981. pp 44-53.

Jackson, Eric and Britt Holmen. 2009. "Modal Analysis of Vehicle Operation and Particulate Emissions from Connecticut Transit Buses." *Transportation Research Record*. Volume 2123. 2009. pg. 76-87

Jackson, Eric, Yingge Qu, Britt Holmén and Lisa Aultman-Hall, "Driver and Road Type Effects on Light-duty Gas and Particulate Emissions" *Transportation research record*. No. 1987 2006, p. 118-127., *Transportation Research Record*.

Jackson, Eric, Lisa Aultman-Hall, Britt Holmén and Jianhe Du, "Evaluating the Ability of Global Positioning System Receivers to Measure Real World Operating Mode for Emissions Research" *Transportation Research Record* #1941, pp.43-50, 2005.

Aultman-Hall, Lisa, Eric Jackson, Charlie Dougan and Soon-Nai Choi. "Models Relating Pavement Quality Measures" *Transportation Research Record* #1869, 2004 ¹.

¹ Nominated for the K.B. Woods Award for best paper in the area of design and construction (12 of 600 papers were nominated).

CONFERENCE PROCEEDINGS (FULL PAPERS REVIEWED)

Hart, Nicholas, Nicholas Lownes, Eric Jackson. 2012. Analysis of a Method for Bias Reduction in Electronic Travel Surveys. *Presented at the 2012 91st annual meeting of the Transportation Research Board Washington D.C.*

Jackson, Eric, Brad Overturf, James Mahoney. 2012. Digital Preservation of a Highway Photolog Film Archive in Connecticut. *Presented at the 2012 91st annual meeting of the Transportation Research Board. Washington D.C.*

Abigail Osei-Asamoah, Bolella, G., Lownes, N., Garrick, N., Johnston, R., Jackson, E. "Contingent Valuation of Built Environment elements Using Personalized Scenarios", The 90th Meeting of the Transportation Research Board, Washington, D.C., January 2011.

Eric D Jackson and Lisa Aultman-Hall. 2010. Analysis of Real-World Lead Vehicle Operation for the Integration of Modal Emissions and Traffic Simulation Models. *Presented at the 2010 89th annual meeting of the Transportation Research Board. Washington D.C. 89th annual compendium of papers CD.*

TECHNICAL REPORTS

Jackson, Eric and Nicholas Lownes. "Alternative Methods for Safety Analysis and Intervention of Contracting Commercial Vehicles and Drivers in Connecticut". The Connecticut Academy of Science and Engineering Final Report #: CT-2272-F-12-5. June 30 2012.

Jackson, Eric and James Mahoney. The Design Build Method for Transportation Projects: A review of Practice and Evaluation for Connecticut Applications. . The Connecticut Academy of Science and Engineering Final Report: CT-2261-F-10-6. June 30 2010.

Britt A. Holmén, Eric D. Jackson, Darrell B. Sonntag, H. Oliver Gao. Detailed Modal Analysis of Particulate Emissions from Connecticut Transit Buses for Local Emissions Modeling. Final Report: JH 05-09. Connecticut Cooperative Highway Research Program. May 22, 2008 (85 pages).

Norman Garrick, Wesley Marshall, Eric Jackson. Value Pricing In Connecticut. Final Report: JH 05-06. Connecticut Cooperative Highway Research Program. September 2008. (67 Pages).

Lisa Aultman-Hall, Stephanie Mather, Eric Jackson, Hyeon-Shic Shin, John Ivan. Design and Feasibility Study: Connecticut Transportation Planning Data. Final

Report: JH 05-07. Connecticut Cooperative Highway Research Program. May 22 2008 (62 Pages).

Charles Dougan, Lisa Aultman-Hall, John Hudson and Eric Jackson, CTI Program Development: Final Report. Final Research Report submitted to Connecticut Department of Transportation, Report, June 2004 (42 pages).

Lisa Aultman-Hall and Eric D. Jackson. Accommodating Pedestrian and Bicycle Access on Parkers Mill Road from New Circle Road to Man O War Boulevard in Lexington. Final Research Report to the Kentucky Transportation Cabinet, 2001 (57 pages).