

## Eric D. Jackson, PhD

Associate Research Professor,  
Department of Civil and Environmental Engineering  
Executive Director, Connecticut Transportation Institute  
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## Professional Preparation

University of Kentucky	Lexington, KY	Civil Engineering	B.S. 2002
University of Connecticut,	Storrs, CT	Civil Engineering	M.S. 2004
University of Connecticut,	Storrs, CT	Transportation Systems	Ph.D. 2008

## Appointments

April 2019 to Present	Executive Director, Connecticut Transportation Institute, Storrs, CT
Aug. 2013 to Present	Associate Research Professor, University of Connecticut, Storrs CT
Sept 2012 to Present	Director, Connecticut Transportation Safety Research Center, Storrs, CT
Sept. 2009 to Aug. 2013	Assistant Research Professor, University of Connecticut, Storrs, CT
Sept. 2007 to Sept. 2009	Research Associate, Connecticut Transportation Institute, Storrs, CT
Jan. 2003 to Sept. 2007	Graduate Research Assistant, CEE, University of Connecticut, Storrs, CT

## Publications

Published and Accepted Journal Articles:**28**  
Conference Presentations:**10**  
Technical Reports and Creative Products:**12**  
Media and TV Appearances:**31**  
Presentations:**34**

## Grants and Funding

Grants Awarded: <b>47</b>	Grants as PI: <b>39</b>
Total Awards: <b>\$47,424,499</b>	Total Share: <b>\$40,654,207</b>

## Honors and Awards

1. 2019 AASHTO Sweet Sixteen High Value Research Award. Connecticut Pedestrian Safety Guide. Connecticut Department of Transportation, Report No. CT-2303-F-19-1. National award.
2. Peter K. O'Rourke Special Achievement Award for Outstanding Highway Safety Accomplishments, Professional Service, Governors Highway Safety Association, National. (August 30, 2016).
3. Dean's Excellence Award, Professional Service, UCONN SOE, College/School. (April 26, 2016).
4. 2015 National Best Practices in Traffic Records, Professional Service, Association of Transportation Safety Information Professionals, National. (October 27, 2015).
5. Bright Ideas, Innovations in Government Program in 2015 by the Ash Center for Democratic Governance and Innovation at the Harvard Kennedy School, National. (February 28, 2015).

## Published and Accepted Journal Articles

1. Hossain, M. J., Ivan, J. N., Zhao, S., Wang, K., Sharmin, S., Ravishanker, N., & Jackson, E. D. (2022). Considering Demographics of Other Involved Drivers in Predicting the Highest Driver Injury Severity in Multi-Vehicle Crashes on Rural Two-Lane Roads in California. *Journal of Transportation Safety and Security*. <https://doi.org/10.1080/19439962.2022.2033899>.
2. Kai Wang, Mohammad Razaur Shaon, Niloufar Shirani-bidabadi, Andrew Tucker, Dan Russell, Eric Jackson, Neil Chaudhary, Julie Tison. (2021) Advancing the Behavioral Safety Analytic Tools Capabilities of the Connecticut Department of Transportation. National Transportation Library. US Department of Transportation.
3. De la Rosa Algarin, Alberto; Demurjian, Steven A.; and Jackson, Eric. (2021) Access Control for XML Big Data Applications. Encyclopedia of Complexity and Systems Science, Springer Science+Business Media LLC.
4. Kai Wang, Niloufar Shirani-bidabadi, Mohammad Razaur Rahman Shaon, Shanshan Zhao, Eric Jackson. 2021. Correlated Mixed Logit Modeling with Heterogeneity in Means for Crash Severity and Surrogate Measure with Temporal Instability. *Accident Analysis & Prevention* 160. 2021.
5. Wang, K., Bhowmik, T., Zhao, S., Eluru, N., & Jackson, E. (2021). Highway safety assessment and improvement through crash prediction by injury severity and vehicle damage using Multivariate Poisson-Lognormal model and Joint Negative Binomial-Generalized Ordered Probit Fractional Split model. *Journal of safety research*, 76, 44-55.
6. Kai Wang, Niloufar Shirani-bidabadi, Mohammad Razaur Rahman Shaon, Shanshan Zhao, Eric Jackson. 2021. Correlated Mixed Logit Modeling with Heterogeneity in Means for Crash Severity and Surrogate Measure with Temporal Instability. *Accident Analysis & Prevention* 160. 2021.
7. Kai Wang, Shanshan Zhao, Eric Jackson. 2020. Investigation of Exposure Measures and Functional Forms in Safety Performance Functions for Urban and Suburban Intersections using Generalized Negative Binomial - P Model. *Accident Analysis & Prevention* 148. 2020.
8. Auguste, M., Tucker, A., & Jackson, E. D. (2020). "More sidewalks, more bus stops": Travel Behaviors and Opinions of Connecticut Teenagers. *Transportation Research Interdisciplinary Perspectives*, (vol. 8). <https://www.sciencedirect.com/science/article/pii/S2590198220301494>. <https://doi.org/10.1016/j.trip.2020.100238>.
9. Wang, K., Zhao, S., Ivan, J. N., Ahmed, I., & Jackson, E. (2020). Evaluation of hot spot identification methods for municipal roads. *Journal of Transportation Safety & Security*, 12(4), 463-481.
10. Sharmin, S., Ivan, J. N., Zhao, S., Wang, K., Hossain, M. J., Ravishanker, N., & Jackson, E. D. (2020). Incorporating Demographic Proportions into Crash Count Models by Quasi-Induced-Exposure Method. *Transportation Research Record*. Washington DC: Transportation Research Record. <https://doi.org/10.1177/0361198120930230>.
11. Zhao, S., Wang, K., & Jackson, E. D. (2019). Evaluation of Not-At-Fault Assumption in Quasi-Induced Exposure Method using Traffic Crash Data at Varied Geographical Levels. *Transportation Research Record*. 2019 2673:4, 593-604

12. Zhao, S., Wang, K., Liu, C., & Jackson, E. (2019). Investigating the effects of monthly weather variations on Connecticut freeway crashes from 2011 to 2015. *Journal of safety research*, 71, 153-162.
13. Wang, k., Zhao, s., & Jackson, E. (2019). Functional forms of the negative binomial models in safety performance functions for rural two-lane intersections. *Accident Analysis & Prevention*, (vol. 124, pp. 193-201).
14. Kai Wang, Shanshan Zhao, and Eric Jackson. 2018. "Multivariate Poisson Lognormal Modeling of Weather-Related Crashes on Freeways." *Transportation Research Record* 2018 2672:38, 184-198
15. Cabelus, Robbin, Mario Damiata, Eric Jackson, and Robert Pollack. Better Information for Better Roadway Safety. Federal Highway Administration. *Public Roads: Autumn* 2018. 8-15.
16. Wang, K., Ivan, JN., Ravishanker, N., Jackson, E. Multivariate Poisson Lognormal Modeling of Weather-Related Crashes on Freeways. *Accident Analysis and Prevention*. 2017 Feb. <https://doi.org/10.1016/j.aap.2016.11.006>
17. James Mahoney, Donald A. Larsen, and Eric Jackson. 2017. "Reduction in Nonfatal Injury Crashes After Implementation of Anti-Icing Technology." *Transportation Research Record* 2017 2613:1, 79-86
18. Mahoney, J., Jackson, E., Larsen, D., Vadas, T., Wille, K., & Zinke, S. (2015). Winter highway maintenance operations: Connecticut (No. CT-2289-F-15-1). Connecticut. Dept. of Transportation.
19. Fleischmann, C. M., Atkinson-Palombo, C., Bushey, J. T., Jackson, E. D., & Payne, D. W. (2015). Coupling community preferences with hydrologic evaluation of low impact development implementation in an urban watershed. *Suburban Sustainability*, 3(1), 4.
20. Ivan, J. N., Ravishanker, N., Jackson, E. D., Aronov, B., & Guo, S. (2012). A Statistical Analysis of the Effect of Wet Pavement Friction on Highway Traffic Safety. (2 ed., vol. 4, pp. 116-136). *Journal of Transportation Safety and Security*.
21. Eric Jackson and Lisa Aultman-Hall. 2010. "Analysis of Real-World Lead Vehicle Operation for Modal Emissions and Traffic Simulation Models." *Transportation Research Record* 2010 2158:1, 44-53
22. Ivan, J. N., Ravishanker, N., Jackson, E., Guo, S., & Aronov, B. (2010). Incorporating wet pavement friction into traffic safety analysis (No. JHR 10-324).
23. 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
24. Jackson, E. D. (2008). Improving traffic simulation models and emissions models using on-board vehicle dynamics data. University of Connecticut.

25. Aultman-Hall, L., Mather, S., Jackson, E., Shin, H. S., & Ivan, J. (2008). Design and Feasibility Study: Connecticut Transportation Planning Data (No. JHR 08-315). Publication JHR.
26. Eric Jackson, Yingge Qu, Britt A. Holmén, and Lisa Aultman-Hall. 2006. "Driver and Road Type Effects on Light-Duty Gas and Particulate Emissions." *Transportation Research Record* 2006 1987:1, 118-127
27. 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.
28. Lisa Aultman-Hall, Eric Jackson, Charles E. Dougan, and Soon-Nam Choi. 2004. "Models Relating Pavement Quality Measures." *Transportation Research Record* 2004 1869:1, 119-125

### **Conference Presentations with Proceedings (Refereed)**

1. Sharmin, S., Ivan, J. N., Zhao, S., Wang, K., Hossain, M. J., Ravishanker, N., & Jackson, E. D. (2020). Incorporating Demographic Proportions into Crash Count Models by Quasi-Induced-Exposure Method. *Transportation Research Board 2020 Annual Meeting*.
2. Hossain, M. J., Ivan, J. N., Zhao, S., Wang, K., Sharmin, S., Ravishanker, N., & Jackson, E. D. (2020). The Impact of Demographics of all Drivers on the Highest Driver Injury Severity in Multi-Vehicle Crashes of Rural Two-Lane Roads in California. *Transportation Research Board 2020 Annual Meeting*.
3. Mahoney, J., Larsen, D. A., & Jackson, E. D. (2017). A Reduction in Nonfatal- Injury Motor Vehicle Crashes with Anti-icing Technology. *Journal of the Transportation Research Board*, (2613 ed.). Washington, DC: Transportation Research Board. <http://trrjournalonline.trb.org/10.3141/2613-10>.
4. Wang, K., Zhao, S., Ivan, J. N., Ahmed, I., & Jackson, E. D. (2018). Evaluation of Hot Spot Identification Methods for Municipal Roads. *Transportation Research Board Annual Meeting*.
5. Wang, K., Ivan, JN., Zhao, S., Ahmed, I., Jackson, E. Evaluation of Hot-Spot Identification Methods for Municipal Roads. Presented at the 2018 Transportation Research Board Meeting Washington D.C. January 8, 2018. 18-05210.
6. Zhao, S., Wang, K., Lui, C., Jackson, E., Freeway Crash Analysis Considering Monthly Variation in Traffic Volumes and Weather Conditions Using Time-Series Random Effect Negative Binomial Models. Presented at the 2018 Transportation Research Board Meeting Washington D.C. January 8, 2018.18-05263.
7. Jackson, E. D., & Strauss, R. (2013). Safety Analysis and Intervention Requirements for Contracting Commercial Vehicles and Drivers on Connecticut DOT Contracts. Presented at the 2013 92nd annual meeting of the Transportation Research Board Washington D.C.
8. Hart, N., Lownes, N., & Jackson, E. D. (2012). Analysis of a Method for Bias Reduction in Electronic Surveys. *Proceedings of the 91st Annual Meeting of the Transportation Research Board*.

9. Osei-Asamoah, A., Bolella, G., Lownes, N., Johnston, R., Garrick, N. W., & Jackson, E. D. (2011). Contingent Valuation of Built Environment Elements Using Personalized Scenarios.
10. Wang, K., Bhowmik, T., Yasmin, S., Zhao, s., Eluru, N., & Jackson, E. D. (2019). Multivariate copula temporal modeling of intersection crash consequence metrics: A joint estimation of injury severity, crash type, vehicle damage and driver error.  
<https://www.sciencedirect.com/science/article/pii/S0001457518308066?via%3Dihub>.

## Technical Reports and Creative Products

1. Jackson, E. D. 3 seconds behind the wheel. Featured in a Documentary Film for PBS.
2. Jackson, E. D., & Lownes, N. (2012). Alternative Methods for Safety Analysis and Intervention of Contracting Commercial Vehicles and Drivers in Connecticut. (Report No. CT-2272-F-12-5 ed.). Connecticut Academy of Science and Engineering.
3. Lownes, N., Johnston, R., Garrick, N. W., Jackson, E. D., Bolella, G., & Osei-Asamoah, A. (2011). Public Transit Design for Smart Growth: Using Choice Experiments to Quantify Tradeoffs, Values and Funding Implications. (Report No. CTLS 08-04-3 ed.). Center for Transportation and Livable Systems.
4. ConnDOT Technical Report- Jackson, E. D. (2015). Development of the ConnDOT Horizontal Curve Classification Software: Phase II.
5. Magazine/Trade Publication-Cabelus, R., Damiata, M., Jackson, E. D., & Pollack, B. (2018). Better Information for Better Roadway Safety.
6. Newspaper Article-Jackson, E. D., & Auguste, M. (2021). Traffic is down on American highways during the pandemic, but vehicle deaths are up – here’s how to stay safe on the road.  
<https://theconversation.com/traffic-is-down-on-american-highways-during-the-pandemic-but-vehicle-deaths-are-up-heres-how-to-stay-safe-on-the-road-156620>.
7. Project report-Jackson, E. D., Scopatz, R., Gross, F., & Himes, S. (2015). Connecticut Department of Transportation Safety Techniques Enhancement Plan.
8. Technical Report- Jackson, E. D., Simler, T., & Auguste, M. (2020). 2019 NECAV Summit Report.
9. Technical Report- Jackson, E. D. (2020). 2018 NECAV Summit Report.
10. Technical Report- Auguste, M., & Jackson, E. D. (2019). Connecticut Pedestrian Safety Guide. Report No. CT-2303-F-19-1.
11. Technical Report- Grasso, C., Vartak, S., & Jackson, E. D. (2018). Enhancing Connecticut’s Crash Data Collection for Serious Injury and Fatal Motor Vehicle Collisions. Newington, CT: Connecticut Department of Transportation.
12. Technical Report- Ivan, J. N., Ravishanker, N., Jackson, E. D., Aranov, B., & guo, S. (2010). Incorporating Wet Pavement Friction into Traffic Safety Analysis. (JHR 10-324 ed., vol. Final Report, Project 07-5). Connecticut Cooperative Transportation Research Program.

## Media and TV Appearances

1. WSHU: The Full Story. Walk, cycle, ride, drive: Keeping the roads safe for everyone. April 8, 2022. [Walk, cycle, ride, drive: Keeping the roads safe for everyone \(wshu.org\)](https://www.wshu.org/news/2022-04-08/walk-cycle-ride-drive-keeping-the-roads-safe-for-everyone)
2. News 8. Transportation leaders weigh in what can be done to deter wrong-way drivers by: Mike Masciadrelli. Mar 24, 2022. [https://www.wtnh.com/news/connecticut/transportation-leaders-weigh-in-what-should-be-done-to-deter-wrong-way-drivers/?fbclid=IwAR3c8n6SKuQ6PEtPXjenJB-bDYZTE9DyIV\\_B5TyXr\\_OMD-CBBfVlrmhPbC8](https://www.wtnh.com/news/connecticut/transportation-leaders-weigh-in-what-should-be-done-to-deter-wrong-way-drivers/?fbclid=IwAR3c8n6SKuQ6PEtPXjenJB-bDYZTE9DyIV_B5TyXr_OMD-CBBfVlrmhPbC8)
3. WSHU. Connecticut DOT backs a ban on allowing passengers to have open containers of alcohol. By Natalie Discenza. March 15, 2022. <https://www.wshu.org/connecticut-news/2022-03-15/connecticut-dot-backs-a-ban-on-allowing-passengers-to-have-open-containers-of-alcohol>
4. WTNH CT. New data shows increase in deaths on Conn. Roads. by: Mike Masciadrelli. Feb 10, 2022. [https://www.wtnh.com/news/connecticut/new-data-shows-increase-in-deaths-on-conn-roads/?fbclid=IwAR03VS-BR5VqDFdcT4OImrGf6\\_3-0yToOnxNozuulc8uruBludjPQBjyy4U](https://www.wtnh.com/news/connecticut/new-data-shows-increase-in-deaths-on-conn-roads/?fbclid=IwAR03VS-BR5VqDFdcT4OImrGf6_3-0yToOnxNozuulc8uruBludjPQBjyy4U)
5. CT Mirror. Connecticut's roads are deadlier than ever. Figuring out why is complicated. By Katy Golvala and Dave Altimari. February 7, 2022. <https://www.ctpublic.org/news/2022-02-07/connecticuts-roads-are-deadlier-than-ever-figuring-out-why-is-complicated?fbclid=IwAR2vMsFVEwVc9fKikHuh1N0xBAqvNTAtTTSj501nzCYI0fGD4jWDEGFEbSg>
6. WSHU. Connecticut had over 300 traffic deaths last year. Researchers are charting a road to safety. By Brian Scott-Smith. January 18, 2022. <https://www.ctpublic.org/news/2022-01-18/connecticut-had-over-300-traffic-deaths-last-year-researchers-are-charting-a-road-to-safety?fbclid=IwAR2oK0pPlimmeLaW28IXc1DGyvg3g85up54DrxDFGJXURvmnc4c5fiyKIsQ>
7. CT Mirror. Speeding kills, and we must act to prevent it. By Robert Hannigan. January 12, 2022. <https://ctmirror.org/2022/01/12/speeding-kills-and-we-must-act-to-prevent-it/>
8. The Conversation. Traffic is down on American highways during the pandemic, but vehicle deaths are up – here's how to stay safe on the road. March 9, 2021. <https://theconversation.com/traffic-is-down-on-american-highways-during-the-pandemic-but-vehicle-deaths-are-up-heres-how-to-stay-safe-on-the-road-156620>
9. WHUS. Connecticut's traffic deaths are on the rise since last year. By Natalie Discenza. December 13, 2021. <https://www.wshu.org/connecticut-news/2021-12-13/connecticuts-traffic-deaths-are-on-the-rise-since-last-year>
10. Norwich bulletin. Connecticut traffic deaths are up 16% over last year. Why do researchers blame COVID-19? The Bulletin. Nov 10 2021. <https://www.norwichbulletin.com/story/news/2021/11/10/high-speeds-pandemic-habits-blamed-u-s-spike-traffic-death-covid-19-connecticut/6367373001/>
11. State data shows drivers are speeding on Connecticut's major highways. A third of drivers on I-95 are driving over 70 miles per hour. By Christopher Keating. Dec 08, 2021. <https://www.courant.com/politics/hc-pol-connecticut-highway-speeders-faster-20211208-lfb2is4xsrbtd43pke5z6drd4-story.html>
12. Hartford Courant. Traffic deaths in Connecticut up 16% since last year, on track to set record. One reason is that speeding has increased during the COVID-19 pandemic. By Alex Putterman. Nov 9 2021. <https://www.courant.com/news/connecticut/hc-news-connecticut-traffic-fatalities-pandemic-20211109-p25rkm07wfa7zd2gywgxxfmira-story.html>
13. NBC CT. State Seeing Deadly Trend on Roadways. By Mike Massaro. Nov 9, 2021. <https://www.nbcconnecticut.com/news/local/state-seeing-deadly-trend-on-roadways/2647241/>
14. WFSB CT. State-police-cracking-down-on-pandemic-driving. By Mathew Campbell. May 6 2021. <https://www.youtube.com/watch?v=-PYeb6YIiRY>



15. Connecticut East. Pedestrian road accidents are on the increase in the State and the Department of Transportation is looking to do something about it, but where do they get their data? Connecticut East This Week - 27th March 2021 Edition. By Brain Scott Smith.  
[https://www.youtube.com/watch?app=desktop&v=2sl-zT8DDxw&feature=youtu.be&fbclid=IwAR3xnoYI85vqIbOkTP08vpMVso1-YD-Ts72x\\_xqRZxqltjM7lguBF-jRJB0](https://www.youtube.com/watch?app=desktop&v=2sl-zT8DDxw&feature=youtu.be&fbclid=IwAR3xnoYI85vqIbOkTP08vpMVso1-YD-Ts72x_xqRZxqltjM7lguBF-jRJB0)
16. Journal Inquirer. Connecticut traffic fatalities were up in 2020. By Matthew P. Knox. Feb 8, 2021.  
[https://www.journalinquirer.com/connecticut\\_and\\_region/connecticut-traffic-fatalities-were-up-in-2020/article\\_fc94d164-6a45-11eb-9aed-f7cc2fae48dd.html?fbclid=IwAR05DIe7C26MoaPf6C\\_y5dx0ziCQW8uTy7G4k1Aly\\_497AvIXNyIR\\_SBSAQ](https://www.journalinquirer.com/connecticut_and_region/connecticut-traffic-fatalities-were-up-in-2020/article_fc94d164-6a45-11eb-9aed-f7cc2fae48dd.html?fbclid=IwAR05DIe7C26MoaPf6C_y5dx0ziCQW8uTy7G4k1Aly_497AvIXNyIR_SBSAQ)
17. Wausau Pilot and Review. Traffic is down on American highways during the pandemic, but vehicle deaths are up – here’s how to stay safe on the road. March 9, 2020.  
<https://wausaupilotandreview.com/2021/03/09/traffic-is-down-on-american-highways-during-the-pandemic-but-vehicle-deaths-are-up-heres-how-to-stay-safe-on-the-road/?fbclid=IwAR0WFzL2OCFlxRI4rai42LCDBFFsER7muU3WMgpCN01WBw69gVRvievV3UA>
18. UConn Magazine. In the Driver's Seat. BY Eli Freund. Fall 2020.  
<https://magazine.uconn.edu/2020/10/12/in-the-drivers-seat/>
19. CT Post. Car crashes are down in CT, fatal crashes not as much. Jordan Fenster. Dec. 13, 2020.  
[https://www.ctpost.com/news/article/Car-crashes-are-down-in-CT-fatal-crashes-not-as-15792436.php?fbclid=IwAR1HdDTwHSv\\_zW\\_9vfMZbDUaCgIRAdInQvd6rgvuLpmU42Q-G\\_hk8bzNHEo](https://www.ctpost.com/news/article/Car-crashes-are-down-in-CT-fatal-crashes-not-as-15792436.php?fbclid=IwAR1HdDTwHSv_zW_9vfMZbDUaCgIRAdInQvd6rgvuLpmU42Q-G_hk8bzNHEo)
20. Hartford Business Journal. UConn engineering professor eyes autonomous-vehicle testing facility in Storrs. By Sean Teehan. January 13, 2020. <https://www.hartfordbusiness.com/article/uconn-engineering-professor-eyes-autonomous-vehicle-testing-facility-in-storrs>
21. WTNH. Local documentary focuses on distracted driving. April 2, 2019  
<https://www.wtnh.com/news/connecticut/hartford/local-documentary-focuses-on-distracted-driving/1897684550/>
22. Journal Inquirer. Hoping for a test drive: UConn, area towns interested in self-driving cars. By Will Healey. May 12, 2018. [https://www.journalinquirer.com/connecticut\\_and\\_region/hoping-for-a-test-drive-uconn-area-towns-interested-in/article\\_c5ea2160-577d-11e8-a098-4f3a0af7fb11.html](https://www.journalinquirer.com/connecticut_and_region/hoping-for-a-test-drive-uconn-area-towns-interested-in/article_c5ea2160-577d-11e8-a098-4f3a0af7fb11.html)
23. Hartford Courant. UConn To Study Self-Driving Cars With New Full-Sized Simulator By Rebecca Lurye. Jul 20, 2018 <https://www.courant.com/business/hc-news-uconn-driving-simulator-20180711-story.html>
24. FOX 61 news. UConn sim lab dedicated to safer driving. Jim Aultman. July 25, 2018.  
<https://www.fox61.com/article/news/local/outreach/awareness-months/uconn-sim-lab-dedicated-to-safer-driving/520-445c9d4b-ed42-48bd-a245-b0668e2e8bd6>
25. PBS. Full length Documentary: 3 seconds behind the wheel. February 2, 2018. [www.3seconds.org](http://www.3seconds.org).
26. Forbes. New Documentary Film Captures Distracted Drivers In Action, To Debut On Public Television. By Tanya Mohn. Sept 18 2018. <https://www.forbes.com/sites/tanyamohn/2018/09/18/new-documentary-film-captures-distracted-drivers-in-action-to-debut-on-public-television/?sh=340e2879237f>
27. NBC CT. Congestion and Crashes Making Interstate 95 In CT A Nightmare. Dan Corcoran. Dec 21 2017. [https://www.nbcconnecticut.com/on-air/as-seen-on/congestion\\_crashes-making-interstate-95-in-ct\\_a-night\\_hartford/28198/](https://www.nbcconnecticut.com/on-air/as-seen-on/congestion_crashes-making-interstate-95-in-ct_a-night_hartford/28198/)
28. UConn Today. Taking the Wheel: The Rise of Self-Driving Cars. Colin Poitras. March 20, 2017.  
<https://today.uconn.edu/2017/03/taking-wheel-rise-self-driving-cars/>
29. New Haven Register. Connecticut roads not pedestrian friendly. Jan. 28, 2017
30. UConn Today. Distracted Driving a Crash Test in Behavior Modification. Colin Poitras. April 19, 2016. <https://today.uconn.edu/2016/04/distracted-driving-a-crash-test-in-behavior-modification/>

31. UConn Today. Transportation Safety Research Center Established at UConn. June 29, 2013. Colin Poitras. April 29, 2013. <https://today.uconn.edu/2013/04/transportation-safety-research-center-established-at-uconn/>

## **Presentations.**

1. Keynote Speaker- Jackson, E. D. (2021, November). Autonomous, Automated, and Connected: A Vehicle and Data Evolution. CT GIS day
2. Master of Ceremonies- Jackson, E. D. (June 12-13, 2019). 2019 Northeast Connected & Automated Vehicle Summit.
3. Keynote Speaker-Jackson, E. D. (2018, November). Hartford Multi modal Summit advanced technologies and safety. Hartford Multi-modal Summit.
4. Demonstration- Jackson, E. D. (2017, March). CTCrash data repository for impaired driving data. Demonstration for the Northeast Impaired Driving Summit, Suffern, NY.
5. Demonstration- Jackson, E. D. (2016, May). Demonstration for the Connecticut Police Chiefs Annual Meeting.
6. Demonstration-Jackson, E. D. (2016, April). Demo of the CT Crash Data Repository. Demonstration for the Connecticut DOT Safety Data Peer Exchange.
7. Demonstration-Jackson, E. D. (2013, April). Best Practices for Data Collection - Connecticut Electronic Crash Data Collection. Demonstration for the 2013 Northeast Transportation Safety Conference.
8. Keynote/Plenary Address- Jackson, E. D. (2019, August). CAVs: The future of transportation and workforce needs. Keynote/Plenary Address for the NLTAPA National Conference, Stowe, VT.
9. Keynote/Plenary Address- Jackson, E. D. (2017, October). Crsh Trends and Partnerships. Keynote/Plenary Address for the 2017 Northeast Transportation Safety Conference, Cromwell, CT.
10. Keynote/Plenary Address- Jackson, E. D. (2017, February). CT Performance Measures and Crash Data Repository. Keynote/Plenary Address for the Safety Target Setting Workshop.
11. Panel- Jackson, E. D. (2018, April). Technology Takes the Wheel Panel. Panel for the Technology Takes the Wheel Panel AAA.
12. Panel- Jackson, E. D. (2016, November). Panel: The Drugged Driving Chain of Events – Identifying the Weak Links. Panel for the AAA Drugged Driving Summit.
13. Panel- Jackson, E. D., & Shea, D. (2013, April). State and Local Perspectives on Data – What We Have, What We Are Doing, and What We Need. Panel for the 2013 Northeast Transportation Safety Conference.
14. Presentation- Jackson, E. D. (2019, March). Driverless cars. Presentation for the Guilford Community learning center.
15. Presentation- Jackson, E. D. (2018, October). Driverless cars. Presentation for the Yale Women's Club.
16. Presentation- Jackson, E. D. (2018, April). Development of Pedestrian Safety Hotspot Analysis Tools and Pedestrian Safety Observational Study. Presentation for the Rhode Island Distracted Driving and Pedestrian Safety Summit, Providence, RI.
17. Presentation- Jackson, E. D. (2018, February). Presentation for the Learnign lab on Improving Data linkage systems to Reduce Traffic Injuries and Fatalities, Annapolis, MD.
18. Presentation- Jackson, E. D. (2017, October). Applying the Highway Safety Manual to Safety Engineering. Presentation for the 2017 Northeast Transportation Safety Conference, Cromwell, CT.
19. Presentation- Jackson, E. D. (2017, September). Presentation for the Connecticut Safety Data Integration Peer Exchange.
20. Presentation- Jackson, E. D. (2017, August). Connecticut's Crash Data System. Presentation for the Eastern Service Center, Division Administrator (DA) and State Program Specialist (SPS) Meeting, Collegeville, PA.



21. Presentation- Jackson, E. D. (2017, August). The Connecticut Crash Data Repository. Presentation for the 2017 Traffic Records Forum.
22. Presentation- Jackson, E. D. (2017, May). Presentation for the Media Training for the Crash Data Repository.
23. Presentation- Jackson, E. D. (2017, April). Summary of CT Autonomous Vehicle Summit. Presentation for the Autonomous Vehicle Summit.
24. Presentation- Jackson, E. D. (2016, November). Utilizing Innovation to Fill the Data Toolbox: Best Practices for Accessing and Using the Newest Data Tools. Presentation for the UMassSafe Commercial Vehicle Safety Research Summit.
25. Presentation- Jackson, E. D. (2016, October). A Low Cost High Benefit Approach For Collecting And Analyzing Crash Data. Presentation for the 19th Annual National Tribal Transportation Conference, Anaheim, CA.
26. Presentation- Jackson, E. D. (2016, May). Presentation for the NH Traffic Safety Conference.
27. Presentation- Jackson, E. D. (2016, April). CT GIS Tools. Presentation for the Connecticut DOT Safety Data Peer Exchange.
28. Presentation- Jackson, E. D. (2016, April). CT fillalbe PDF and Law Enforcement Training. Presentation for the Connecticut DOT Safety Data Peer Exchange.
29. Presentation- Jackson, E. D. (2016, March). CT Connecticut's Crash Data Repository and Seatbelt usage trends. Presentation for the Connecticut Seatbelt Summit.
30. Presentation- Jackson, E. D. (2015, October). Presentation for the ATSIP Traffic Records Forum.
31. Presentation- Jackson, E. D. (2015, June). Presentation for the The Connecticut Data Collaborative and the Connecticut State Data Center: Conference on Data Resources in Connecticut.
32. Presentation- Jackson, E. D. (2015, March). How Am I Doing? Using Data to Plan and Evaluate Your OP Program. Presentation for the Lifesavers Conference.
33. Presentation- Jackson, E. D. (2013, March). The Connecticut Crash Data Repository: Development and Practical Use for Communities. Presentation for the 2013 SOUTHERN CT CONFERENCE PREVENTION OF ALCOHOL IMPAIRED DRIVING THE CROSSROADS OF TECHNOLOGY & PRACTICE.
34. Presentation- Fleischmann, C., Bushey, J., Atkinson-palombo, C., & Jackson, E. D. (2011, September). Impact of LID options for reducing runoff: An interdisciplinary approach. Presentation for the Philadelphia Low-Impact Development Symposium: Greening the Urban Environment.

# Grants Received

Award Date	Sponsor	Project Title	PI Name	Co-Investigator Name	Total Committed Award
5/15/2009	DOT/Department of Transportation/Connecticut Academy of Science and Engineering	The Design-Build Methodology: A Review of Practice and Evaluation for Connecticut Applications	Jackson, Eric D		\$19,877
5/21/2009	DOT/Federal Highway Administration (FHA)/CT Department of Transportation	Digital Preservation of a Highway Photolog Film Archive in Connecticut	Jackson, Eric D		\$407,632
7/1/2009	DOT/Department of Transportation/Connecticut Academy of Science and Engineering	Evaluation of Environmental Wetland Mitigation Alternatives for Transportation Projects	Bushey, Joseph	Jackson, Eric D	\$19,968
10/1/2009	DOT/Federal Highway Administration (FHA)/CT Department of Transportation	Design and Feasibility Study: Connecticut Transportation Planning Data Phase II	Lownes, Nicholas	Jackson, Eric D	\$63,003
11/1/2010	DOT/Federal Highway Administration (FHA)/CT Department of Transportation	Development of the Connecticut Motor Vehicle Crash Data Repository	Jackson, Eric D		\$167,736
6/1/2011	Connecticut Academy of Science and Engineering	Alternative Methods for Safety Analysis and Intervention of Contracting Vehicles and Drivers in Connecticut	Jackson, Eric D		\$29,554
6/2/2011	DOT/Department of Transportation/CT Department of Transportation	Design and Feasibility Study: Connecticut Transportation Planning Data Phase II	Lownes, Nicholas	Jackson, Eric D	\$66,000
7/5/2011	CT Department of Transportation/Connecticut Academy of Science and Engineering	Benchmarking Connecticut's Transportation Infrastructure Capital Program with Other States	Lownes, Nicholas	Jackson, Eric D	\$31,365
3/16/2012	CT Department of Transportation	UConn Crash Data Entry and Optical Character Recognition Research	Jackson, Eric D		\$47,700
6/22/2012	DOT/Federal Highway Administration (FHA)/CT Department of Transportation	Establishment of a CT Advanced Pavement Lab - FY13	Mahoney, James M	Jackson, Eric D	\$180,392
9/4/2012	DOT/Federal Highway Administration (FHA)/CT Department of Transportation	A Proposal to Establish the Connecticut Transportation Safety Research Center	Jackson, Eric D		\$2,141,244
12/3/2012	DOT/Department of Transportation/CT Department of Transportation	State Motor Vehicle Crash Data Repository Phase 3	Jackson, Eric D		\$183,055
9/19/2013	CT Department of Transportation	Assessing Service Equity in Connecticut's Large Public Transportation Systems	Lownes, Nicholas	Jackson, Eric D	\$693,278
10/31/2013	DOT/Department of Transportation/CT Department of Transportation	Development of the ConnDOT Horizontal Curve Classification Software	Jackson, Eric D		\$30,194
3/14/2014	DOT/Department of Transportation/CT Department of Transportation	Development of the ConnDOT Safety Analysis Strategic Plan	Jackson, Eric D		\$207,064
8/19/2014	CT Department of Transportation	Development of the ConnDOT Horizontal Curve Classification Software: Phase II	Jackson, Eric D		\$20,177
12/22/2014	DOT/Federal Highway Administration (FHA)/CT Department of Transportation	The Connecticut Transportation Safety Research Center: Year 3 and 4	Jackson, Eric D		\$1,833,692
11/13/2015	DOT/Department of Transportation/CT Department of Transportation	Training Opportunity for CT DOT's New MMUCC Compliant Police Crash Report (PR1)	Jackson, Eric D		\$197,960
12/3/2015	DOT/Federal Highway Administration (FHA)/CT Department of Transportation	Expanding the Role of Connecticut Transportation Safety Research Center to Enhance Connecticut's Safety Analysis Methods and Systems	Jackson, Eric D		\$11,508,427
5/9/2016	DOT/Federal Highway Administration (FHA)/CT Department of Transportation	The Connecticut Transportation Safety Research Center: Years 4 to 9	Jackson, Eric D		\$7,662,323
8/19/2016	DOT/Department of Transportation/CT Department of Transportation	Hardware and Software Support for the CT DRE Program	Jackson, Eric D		\$91,434
9/12/2016	CARFAX	VIN and Registration Plate Data Collection Software for CARFAX	Jackson, Eric D		\$33,574
9/21/2016	Experian	VIN and Registration Plate Data Collection Software for EXPERIAN	Jackson, Eric D		\$33,574
11/1/2016	DOT/Department of Transportation/CT Department of Transportation	Commercial Vehicle Data Quality Improvement Plan for CT DOT's New MMUCC Compliant Police Crash Report (PR1)	Jackson, Eric D		\$373,922
11/29/2016	DOT/Department of Transportation/CT Department of Transportation	Enhancing Connecticut's Crash Data Collection For Serious Injury and Fatal Motor Vehicle Collisions	Jackson, Eric D		\$81,947
5/30/2017	CT Department of Transportation	Connecticut Pedestrian Safety Study and Strategic Plan Development	Jackson, Eric D		\$79,306
5/30/2017	DOT/Department of Transportation/CT Department of Transportation	Connecticut Pedestrian Safety Study and Strategic Plan Development	Jackson, Eric D		\$317,222
6/23/2017	CT Department of Transportation	Enhancing Connecticut's Crash Data Collection For Serious Injury and Fatal Motor Vehicle Collisions	Jackson, Eric D		\$1,373
6/27/2017	DOT/Department of Transportation/CT Department of Transportation	Hardware and Software Support for the CT DRE Program	Jackson, Eric D		\$57,925
12/8/2017	DOT/Department of Transportation/CT Department of Transportation	Training Opportunity for CT Law Enforcement in the Investigation of Fatal/Serious Commercial and Heavy Vehicle Crashes	Jackson, Eric D		\$61,302
12/8/2017	CT Department of Transportation	Training Opportunity for CT Law Enforcement in the Investigation of Fatal/Serious Commercial and Heavy Vehicle Crashes	Jackson, Eric D		\$10,818
4/3/2018	CT Department of Transportation	2018/2019 Northeast Connected and Autonomous Vehicle Summit	Jackson, Eric D		\$11,264
4/3/2018	DOT/Department of Transportation/CT Department of Transportation	2018/2019 Northeast Connected and Autonomous Vehicle Summit	Jackson, Eric D		\$45,053
4/19/2018	DOT/Department of Transportation/CT Department of Transportation	Hardware and Software Support for the CT DRE Program	Jackson, Eric D		\$61,393
6/14/2018	DOT/Federal Highway Administration (FHA)/CT Department of Transportation	Evaluation of Wet Weather Crash Locations and Conducting Pavement Friction in Selected Locations	Mahoney, James M	Jackson, Eric D	\$230,316
12/31/2018	DOT/Federal Highway Administration (FHA)/CT Department of Transportation	Funding for the Third Northeast Autonomous Vehicle Summit	Jackson, Eric D		\$37,587
12/31/2018	CT Department of Transportation	Funding for the Third Northeast Autonomous Vehicle Summit	Jackson, Eric D		\$9,397
7/12/2019	DOT/Department of Transportation/CT Department of Transportation	Software Support for the CT DRE Program	Jackson, Eric D		\$21,355
9/25/2019	DOT/Federal Motor Carrier Safety Administration (FMCSA)	Commercial Vehicle Data Collection and Training Plan for Connecticut Law Enforcement Crash Investigators	Jackson, Eric D		\$112,171
12/12/2019	Consumer Reports	Consumer Reports Pilot	Jackson, Eric D		\$19,584
6/10/2020	DOT/Department of Transportation/CT Department of Transportation	Hardware and Software Support for the CT DRE Program	Jackson, Eric D		\$136,301
8/4/2020	DOT/Federal Highway Administration (FHA)/CT Department of Transportation	Further Advancing the Transportation Safety Analysis Capabilities of the Connecticut Department of Transportation	Zhao, Shanshan	Jackson, Eric D	\$7,258,813
9/14/2020	DOT/Federal Highway Administration (FHA)/CT Department of Transportation	Continued Development of the Enterprise GIS Capabilities of the Connecticut Department of Transportation	Jackson, Eric D		\$1,902,430
9/14/2020	CT Department of Transportation	Continued Development of the Enterprise GIS Capabilities of the Connecticut Department of Transportation.	Jackson, Eric D		\$500,000
11/5/2020	DOT/Department of Transportation/CT Department of Transportation	Advancing the behavioral safety analytic tools capabilities of the Connecticut department of transportation	Jackson, Eric D		\$453,000
5/6/2021	DOT/Federal Highway Administration (FHA)/CT Department of Transportation	Connecticut Transportation Safety Research Center Strategic Plan	Jackson, Eric D		\$9,931,188
8/25/2021	DOT/National Highway Traffic Safety Administration/CT Department of Transportation	Software Support for the CT DRE Program	Jackson, Eric D		\$41,609

Total: \$47,424,499