

# DAVID S. HURWITZ, PhD

Professor of Transportation Engineering  
School of Civil and Construction Engineering, Oregon State University  
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## EXPERIENCE

<b>Director,</b> Kiewit Center for Infrastructure and Transportation Research, School of Civil and Construction Engineering, Oregon State University	2021 - Present
<b>Professor of Transportation Engineering,</b> School of Civil and Construction Engineering, Oregon State University	2020 - Present
<b>Visiting Scholar,</b> School of Transportation Engineering, Tongji University	2019
<b>Eric H.I. and Janice Hoffman Faculty Scholar,</b> School of Civil and Construction Engineering, Oregon State University	2019 - 2021
<b>Director,</b> OSU Driving and Bicycling Simulator Laboratory	2016 - Present
<b>Associate Director at Oregon State University,</b> Pacific Northwest Transportation Consortium (PacTrans)	2016 - 2023
<b>Associate Professor of Transportation Engineering,</b> School of Civil and Construction Engineering, Oregon State University	2015 - 2020
<b>Assistant Professor of Transportation Engineering,</b> School of Civil and Construction Engineering, Oregon State University	2009 - 2015
<b>Graduate Teaching Assistant,</b> Civil & Environmental Engineering, UMass Amherst	2007 - 2008
<b>Director,</b> Data Acquisition Transformation & Analysis, INC	2006 - 2009
<b>Traffic Engineer,</b> Vanasse Hangen Brustlin, INC	2006 - 2007
<b>Managing Partner,</b> Quality Data Collection, LLC	2005
<b>Graduate Research Assistant,</b> Civil & Environmental Engineering, UMass Amherst	2004 - 2009
<b>Undergraduate Research Assistant,</b> Civil & Environmental Engineering, UMass Amherst	2003 - 2004

## EDUCATION

Ph.D.	University of Massachusetts Amherst	Civil Engineering	2009
M.S.	University of Massachusetts Amherst	Civil Engineering	2006
B.S.	University of Massachusetts Amherst	Civil Engineering	2004

## AWARDS AND ACHIEVEMENT

<b>Graduate Mentoring Award 24-25,</b> <i>Oregon State University, College of Engineering</i>	2024
<b>Best Paper Submitted to TRR,</b> <i>TRB Committee on Bicycle Transportation (ACH20), Washington, D.C.</i>	2024
<b>Outstanding Paper Award,</b> <i>TRB Committee on Bicycle Transportation (ACH20), Washington, D.C.</i>	2023
<b>Best Paper Award for Researchers,</b> <i>Road Safety and Simulation, Athens, Greece</i>	2022
<b>College of Engineering Outstanding Young Alumni Award,</b> <i>UMass Amherst</i>	2022

**David S. Hurwitz**

10/10/2024

<b>Outstanding Educator Award, PacTrans</b>	2021
<b>Outstanding Technical Paper Award 2020, ITE Western District</b>	2021
<b>Wayne T. and Patricia VanWagoner Award 2020, ITE Western District</b>	2021
<b>Wilbur S. Smith Distinguished Transportation Educator Award, <i>Institute of Transportation Engineers</i></b>	2021
<b>Faculty Advisor Award, <i>Oregon State University, College of Engineering, Engineering Student Council</i></b>	2021
<b>Faculty Teaching Excellence Award 19-20, Oregon State University, College of <i>Engineering</i></b>	2020
<b>Stephen J. Ressler Best Paper Award, Civil Engineering Division, ASCE <i>Fellow, Institute of Transportation Engineers</i></b>	2020 2019
<b>Outstanding Teaching Award, PNW Section of ASCE</b>	2019
<b>Certificate of Appreciation, in recognition of outstanding efforts to organize and conduct the technical paper review process 98<sup>th</sup> TRB Annual Meeting, TRB <i>Simulation and Measurement of Vehicle and Operator Performance (AND30)</i></b>	2019
<b>Young First Author Award, <i>TRB Committee on Traffic Control Devices (ACP55), Washington, D.C.</i></b>	2019
<b>OSU Faculty Teaching Excellence Award, Oregon State University</b>	2018
<b>Outstanding Transportation Educator 2017, ITE Western District</b>	2018
<b>SSO Adviser of the Year [OSU ITE Student Chapter], Oregon State University</b>	2018
<b>Award for Excellence, "Mitigation of Lane Departure Crashes in the PNW through Coordinated Outreach," OSU Outreach and Engagement Vice Provost</b>	2018
<b>Blue Ribbon Committee Award for organizing the traffic control devices challenge [Secretary, Traffic Control Devices (AHB50)], Transportation Research Board <i>Technical Activities Council</i></b>	2018
<b>Outstanding English Editing Chair Award, 17<sup>th</sup> Chinese Overseas Transportation <i>Association International Conference of Transportation Professionals</i></b>	2017
<b>Margaret and Thomas Meehan Honors College Eminent Mentor, <i>Oregon State University Honors College</i></b>	2017
<b>Nominated, Honors College Outstanding Professor of the Year Award, <i>Undergraduate Honors College at Oregon State University</i></b>	2017
<b>2016 Outstanding Reviewer, ASCE Journal of Transportation Engineering, <i>Part A: Systems</i></b>	2017
<b>Recognized for years of dedicated service as a paper review coordinator, <i>TRB Simulation and Measurement of Vehicle and Operator Performance (AND30)</i></b>	2017
<b>Innovation in Education Award, ITE Transportation Education Council</b>	2016
<b>Honorable Mention, OSU Outreach and Engagement Vice Provost</b>	2015
<b>ExCEED New Faculty Excellence in Teaching Award, ASCE</b>	2014
<b>ExCEED II Teaching Fellow, Florida Gulf Coast University, ASCE</b>	2012
<b>ExCEED Teaching Fellow, University of Colorado Boulder, ASCE</b>	2010
<b>President of the ITE Outstanding Student Chapter of the Year Award, ITE</b>	2009
<b>University Transportation Center Student of the Year, USDOT</b>	2008
<b>Student Essay Award Winner, ITE Northeast District</b>	2008
<b>Student Chapter Service Award, UMass ITE Student Chapter</b>	2008
<b>Desjardins Memorial Scholarship Award, New England Section ITE</b>	2006
<b>National Collegiate Scholar Award, National Society of Collegiate Scholars</b>	2001
<b>Alpha Lambda Delta, National Honor Society for First-Year Students</b>	2001
<b>Eagle Scout Award, Boy Scouts of America</b>	1997

**PUBLICATIONS** [OSU students underlined; OSU students/post-docs advised\*]

**Refereed Journal Publications**

1. Carr, S.\*, Wyman, A.\*, Moreno Rangel, E. A.\*, Jashami, H., Koonce, P. & **Hurwitz, D.** (Accepted) "Evaluation of Near Side Dutch-Style Bicycle Signal Countdown Timer Performance and Compliance at Signalized Intersections in Portland, Oregon" *ITE Journal Article*. [TBD]
2. Riffle, K., Smaglik, E., Prcaccio, S., Gehrke, S., Russo, B., & **Hurwitz, D.** (Accepted) Applying Traffic Flow Theory in Assessing Detector Performance. *Journal of Intelligent and Connected Vehicles*. [TBD]
3. Woodside, J.\*, Hisham, J., **Hurwitz, D.**, Young, R., & Chang, K. (2024) "Safety Relevant Driver and Bicyclist Behaviors Resulting from Bicycling Rolling Stops Observed in a Networked Driving and Bicycling Simulator," *Transportation Research Part C Emerging Technologies*, Volume 166 [[Link](#)]
4. Wang, X., Jiao, Y., **Hurwitz, D.**, Lei, Y., & Zhou, L. (2024) "Revision of the Driver Behavior Questionnaire for Bus Drivers in China Based on In-vehicle Monitoring Data," *Transportation Research Part F Traffic Psychology and Behavior*. Volume 105, 24-41. [[Link](#)]
5. Chand, C.\*, Jashami, H., Scott-Deeter, L.\*, Koonce, P., & **Hurwitz, D.** (2024) "An Evaluation of Door Zone Collisions Between Bicycles and Parked Vehicles," *Transportation Research Record: Journal of the Transportation Research Board*. [[Link](#)]
6. Claros, B., Chitturi, M., Bill, A., Tainter, F., Knodler, M., **Hurwitz, D.**, & Noyce, D. (2024) "Field Evaluation of Change and Clearance Intervals Leading to a Left Turn Flashing Yellow Arrow Indication," *Transportation Research Record: Journal of the Transportation Research Board*. [[Link](#)]
7. Young, R., Chang, K., **Hurwitz, D.**, Roman Campos, A., & Woodside, J.\* (2024) "Characterizations of Expert and Public Perception of Bicycle Rolling Stop Laws: Public Hazard or Practical Convenience?," *Transportation Research Record: Journal of the Transportation Research Board*. [[Link](#)] [**Best Paper Submitted to TRR, TRB Committee ACH20**]
8. Chai, E.\*, Jashami, H., **Hurwitz, D.**, Monsere, C., Kothuri, S. (2024) "Influence of Curb Return and Crosswalk Setback on Turning Driver Decision Making and Speed Selection," *ASCE Journal of Transportation Engineering, Part A Systems*, Volume 150, Issue 4. [[Link](#)]
9. Jiao, Y., Wang, X., Zhao, X., **Hurwitz, D.** (2024) "Effect of Insomnia and Mental Health on Risky Driving Behavior of Bus Drivers Based on Mediation Model," *Accident Analysis & Prevention*, Volume 195. [[Link](#)]
10. Gestson, S., Brown, S., Ahmed, A.\*, **Hurwitz, D.**, Bornasal, F., & Desing, R. (2024) "Exploring the Differences in Hydraulic Engineering Problem Solving Behavior of Undergraduate Students and Engineering Practitioners with Multiple Representations Using Eye Tracking Techniques," *Journal of Civil Engineering Education*, ASCE, Volume 150, Issue1. [[Link](#)]
11. Jashami, H., Cobb, D.\*, Sinkus, I.\*, Liu, Y.\*, McCormack, E., Goodchild, A., & **Hurwitz, D.** (2024) "Evaluation of Bicyclist Physiological Response and Visual Attention in Commercial Vehicle Loading Zones," *Journal of Safety Research*. Volume 88, 313-325. [[Link](#)]
12. Milacek, M.\*, Jashami, H., Abadi, M.G., & **Hurwitz, D.** (2023) "Evaluation of a Pedestrian Call Extension and Cancellation System at a Signalized Midblock Crossing," *Transportation Letters: the International Journal of Transportation Research*. [[Link](#)]
13. Jashami, H.\*, Anderson, J., Mohammed, H.A., Cobb, D.\*, & **Hurwitz, D.** (2023) "Contributing Factors to Right-Turn Crash Severity at Signalized Intersections: An Application of Econometric Modeling," *International Journal of Transportation Science and Technology*. [[Link](#)]

14. Russo, B, Kothuri, S., Smaglik, E., & **Hurwitz, D.** (2023) "Analyzing the Impacts of Intersection Treatments and Traffic Characteristics on Bicyclist Safety: Development of Data-Driven Guidance on the Application of Bike Boxes, Mixing Zones, and Bicycle Signals," *Transportation Research Record: Journal of the Transportation Research Board*. [[Link](#)] [**Outstanding Paper Award, TRB Committee ACH20**]
15. Jiao, Y., Wang, X., **Hurwitz, D.**, Hu, G., Xu, X., & Zhao, X. (2023) "Revision of the Driver Behavior Questionnaire for Chinese Drivers' Aberrant Driving Behaviors Using Naturalistic Driving Data," *Accident Analysis & Prevention*, Volume 187 [[Link](#)]
16. Wang, X., Liu, S., Cai, B., **Hurwitz, D.**, Guo, Q., & Wang, X. (2023) "Sample Size Study of Driving Simulator Experiment for Freeway Design Safety Evaluations," *Transportation Research Record: Journal of the Transportation Research Board*, Volume 2677, Issue 6, 73-92. [[Link](#)]
17. Wang, X., Ye, X., **Hurwitz, D.**, Wang, X., Schost, C. & Noyce, D. (2023) "The Effect of Motion Cues on Highway Driving Performance in Simulated Driving," *Transportation Research Record: Journal of the Transportation Research Board*, Volume 2677, Issue 6, 93-112. [[Link](#)]
18. Cobb, D.\*, Monsere, C., **Hurwitz, D.**, Kothuri, S., Jashami, H. (2023) "User Comprehension of Bicycle Signal Countdown Timers," *Transportation Research Record: Journal of the Transportation Research Board*, Volume 2677, Issue 6, 129-141. [[Link](#)]
19. Cobb, D.\*, Jashami, H., Monsere, C., Kothuri, S., & **Hurwitz, D.** (2023) "Driver and Bicyclist Comprehension of Blue Light Detection Confirmation Systems," *Transportation Research Record: Journal of the Transportation Research*, Volume 2677, Issue 6, 395-408 [[Link](#)]
20. Scott-Deeter, L.\*, **Hurwitz, D.**, Russo, B., Smaglik, E., & Kothuri, S. (2023) Treatments to Improve Bicyclist's Safety at Signalized Intersections. *Accident Analysis & Prevention*, Volume 170. [[Link](#)]
21. Wyman, A.\*, Breuer, L.\*, & **Hurwitz, D.** (2022) A Behavioral Approach to Improving Pedestrian Infrastructure at Intersections," *Advances in Transportation Studies and international Journal*, Special Issue, Vol. 3, 7-20. [[Link](#)]
22. Chai, C., Zhou, Z., Yin, W., **Hurwitz, D.**, & Zhang, S. (2022) "Evaluating the Moderating Effect of In-Vehicle Warning Information on Mental Workload and Collision Avoidance Performance," *Journal of Intelligent and Connected Vehicles*, Volume 5, Issue 2, 49-62. [[Link](#)].
23. Abadi, M.G., Maloney, P.H., & **Hurwitz, D.** (2022) "Exploring Bicyclists' Visual Attention during Conflicts with Truck Traffic. *Transportation Research Record: Journal of the Transportation Research Board*, 1-8. [[Link](#)].
24. Anderson, J., Kothuri, S., Monsere, C., & **Hurwitz, D.** (2022) "Systemic Opportunities to Improve Older Pedestrian Safety: Merging Crash Data Analysis and a Stakeholder Workshop," *Transportation Research Record: Journal of the Transportation Research Board*, 1-10. [[Link](#)].
25. Mohammed, H.A., Abadi, M.G., & **Hurwitz, D.** (2022) "Red-light Running Violation in Car Following Behavior at High-Speed Signalized Intersections," *Transportation Engineering*, Volume 8. [[Link](#)].
26. Tapiro, H.\*, Wyman, A.\*, Borowsky, A., Petzoldt, T., Wang, X., & **Hurwitz, D.** (2022) "An Automated Vehicle Failure: The First Pedestrian Fatality and Public Perception," *Transportation Research Record: Journal of the Transportation Research Board*, 1-11. [[Link](#)].
27. Ahmed, A.\*, Mohammed, H.A.\*, Gambatese, J., & **Hurwitz, D.** (2021) "Evaluating effect of Flashing Blue Lights mounted on Paving Equipment on speed behavior in Work Zones," *Journal of Construction Engineering, ASCE*, Volume 147, Issue 9. [[Link](#)]
28. Cobb, D.\*, Jashami, H.\*, & **Hurwitz, D.** (2021) "Bicyclist's Behavioral and Physiological Responses to Varying Roadway Conditions and Bicycle Infrastructure," *Transportation Research Part F Traffic Behavior and Psychology*, Volume 80, 172-188. [[Link](#)]

29. Ahmed, A.\* , Hurwitz, D., Geston, S., & Brown, S. (2021) "Differences between Professionals and Students in Their Visual Attention on Multiple Representation Types While Solving an Open-Ended Engineering Design Problem," *Journal of Civil Engineering Education*, ASCE, Volume 147, Issue 3. [\[Link\]](#)
30. Horne, D.\* , Jashami, H.\* , Kothuri, S., Monsere, C. & Hurwitz, D. (2021) "Evaluating the In-Vehicle Sound and Vibration during Incursions on Sinusoidal Rumble Strips," *Transportation Research Record*, Volume 2675, Issue 3, 154-166. [\[Link\]](#)
31. Liu, S., Wang, X., Hassanin, O., Xu, X., Yang, M., Hurwitz, D., & Wu, X. (2021) "Calibration and Evaluation of Responsibility-Sensitive Safety (RSS) in the Performance of Automated Vehicles during Cut-in Scenarios," *Transportation Research Part C Emerging Technologies*, Volume 125, 103037. [\[Link\]](#)
32. Mohammed, H. A.\* , Hurwitz, D., Noyce, D., & Wang, X. (2021) "Influence of Following Vehicle's Headway and Classification on Leading Driver's Response to the Circular Yellow Indication," *Transportation Research Part F Traffic Behavior and Psychology*, Volume 77, 73-86. [\[Link\]](#)
33. Larson, T.\* , Wyman, A.\* , Hurwitz, D., Dorado, M., Quayle, S., & Shetler, S. (2020) "Evaluation of Dynamic Passive Pedestrian Detection," *Transportation Research Interdisciplinary Perspectives*, Volume 8, 1-10. [\[Link\]](#)
34. Horne, D.\* , Jashami, H.\* , & Hurwitz, D. (2020) Evaluation of Low Noise Transverse Rumble Strips in Proximity to a Stop Controlled Intersection," *Transportation Engineering*, Volume 2. [\[Link\]](#)
35. Jashami, H.\* , Cobb, D.\* , Hurwitz, D., McCormack, E., Goodchild, A., & Sheth, M. (2020) "The Impact of Commercial Parking Utilization on Cyclist Behavior in Urban Environments," *Transportation Research Part F Traffic Psychology and Behaviour*, Volume 74, Pages 67-80, [\[Link\]](#)
36. Monsere, C., Hurwitz, D., Fink, C., Kothuri, S. & Cobb, D.\* (2020) "Bicycle Signals in the U.S.: An Inventory, Typical Use Cases, and Research," *ITE Journal*. July, 43-48. [\[Link\]](#) **[Wayne T. and Patricia VanWagoner Award 2020, ITE Western District]**
37. Jashami, H.\* , Hurwitz, D., Monsere, C., & Kothuri, S. (2020) "Do Drivers Correctly Interpret the Solid Circular Green from an Exclusive Right-Turn Bay?," *Advances in Transportation Studies*. Special Issue, Volume 2, Pages 143-156. [\[Link\]](#)
38. Mohammed, H.A.\* , Hurwitz, D., & Macuga, K. (2020) "Drivers' visual attention during the onset of the circular yellow indication at high-speed signalized intersections," *Traffic Injury Prevention*. Volume 21, Issue 4, Pages 259-264. [\[Link\]](#)
39. Kothuri, S., Monsere, C., Jashami, H.\* , & Hurwitz, D. (2020) "Online Survey of Driver's Comprehension of the Flashing Yellow Arrow for Right-Turn Signal Indications," *Journal of Transportation Engineering, Part A: Systems*, ASCE. Volume 146, Issue 7. [\[Link\]](#)
40. Jannat, M.\* , Tapiro, H.\* , Monsere, C., & Hurwitz, D. (2020) "Right-Hook Crash Scenario: Effects of Environmental Factors on Driver's Visual Attention and Crash Risk," *Journal of Transportation Engineering, Part A: Systems*, ASCE. Volume 146, Issue 5. [\[Link\]](#)
41. Barlow, Z.\* , Mohammed, H.A.\* , & Hurwitz, D. (2020) "Development and Evaluation of Temporary Traffic Control Devices for Unmanned Aerial System Operations" *Journal of Surveying Engineering*, ASCE. Volume 146, Issue 2. [\[Link\]](#) **[Outstanding Technical Paper Award 2020, ITE Western District; 4<sup>th</sup> most downloaded article in 2020]**
42. Abadi, M.G.\* , Hurwitz, D., & Macuga, K. (2019) "Towards Safer Bicyclist Responses to the Presence of a Truck near an Urban Loading Zone: Analysis of Bicyclist Perceived Level of Comfort," *Journal of Safety Research*. Volume 71, Pages 181-190. [\[Link\]](#)

43. Estes, A., Ressler, S., Saviz, C., Barry, B., Considine, C., Dennis, N., Hamilton, S., **Hurwitz, D.**, Kunberger, T., Lenox, T., Nilson, T., O'Brien, J., O'Neill, R., Saftner, D., Salyards, K., Welch, R., Coward, D., & Nolen, L. (2019) "The ASCE ExCEED Teaching Workshop: Assessing 20 Years of Instructional Development," *International Journal of Engineering Education*, Volume 35, Number 6(A), Pages 1758-1789. [[Link](#)]
44. Horne, D.\*, Jashami, H.\*, **Hurwitz, D.**, Monsere, C. & Kothuri, S. (2019) "Mitigating Roadside Noise Pollution: A Comparison between Rounded and Sinusoidal Rumble Strips" *Transportation Research Part D: Transport and Environment*. Volume 77, Pages 37-49. [[Link](#)]
45. Barlow, Z.\*, Jashami, H.\*, Sova, A.\*, **Hurwitz, D.**, & Olsen, M. (2019) "Policy Processes and Recommendations for Unmanned Aerial System Operations Near Roadways Based on Visual Attention of Drivers," *Transportation Research Part C: Emerging Technologies*, Volume 108, Pages 207-222. [[Link](#)]
46. Gestson, S.L., Barner, M.S., Abadi, M.G., **Hurwitz, D.**, & Brown, S. (2019) "Problem Solving Personas of Civil Engineering Practitioners using Eye Tracking Techniques," *International Journal of Engineering Education*, Volume 35, Number 4, Pages 1074-1093. [[Link](#)]
47. Fleskes, K.\*, & **Hurwitz, D.** (2019) "Influence of Bicyclist Presence on Driver Performance during Autonomous Vehicle Take-Over Requests," *Transportation Research Part F: Traffic Psychology and Behaviour*, Volume 64, 495-508. [[Link](#)]
48. McCormack, E., Goodchild, A., Sheth, M., & **Hurwitz, D.** (2019) "Developing design guidelines for commercial vehicle envelopes on urban streets," *International Journal of Transport Development and Integration*, Volume 3, Number 2, Pages 132-143. [[Link](#)]
49. Barlow, Z.\*, Sova, A.\*, **Hurwitz, D.** & Olsen, M. (2019) "Unsafe Driver Glances at Roadside Unmanned Aerial System Operations," *ITE Journal*, June, 38-42. [[Link](#)]
50. Jashami, H.\*, **Hurwitz, D.**, Monsere, C., & Kothuri, S. (2019) "Evaluation of Driver Comprehension and Visual Attention of the Flashing Yellow Arrow Display for Permissive Right-Turns," *Transportation Research Record: Journal of the Transportation Research Board*, Volume 2673, Issue 8, 397-407. [[Link](#)] **[Young First Author Award, TRB Committee ACP55]**
51. Abadi, M.G.\*, Gestson, S., Brown, S., & **Hurwitz, D.** (2019) "Traffic Signal Phasing Problem-Solving Rationales of Professional Engineers Developed from Eye-Tracking and Clinical Interviews," *Transportation Research Record: Journal of the Transportation Research Board*, Volume 2673, Issue 4, 685-696. [[Link](#)]
52. Abadi, M.G.\* & **Hurwitz, D.** (2019) "Operational Impacts of Protected-Permitted Right-Turn Phasing and Pavement Markings on Bicyclists Performance during Conflicts with Right-Turning Vehicles," *Transportation Research Record: Journal of the Transportation Research Board*, Volume 2673, Issue 4, Pages 789-799. [[Link](#)]
53. Abadi, M.G.\*, **Hurwitz, D.**, Sheth, M., McCormack, E., & Goodchild, A. (2019) "Factors Impacting Bicyclist Lateral Position and Velocity in Proximity to Commercial Vehicle Loading Zones: Application of a Bicycling Simulator," *Accident, Analysis, & Prevention*, Volume 125, 29-39. [[Link](#)]
54. Wang, X., Yang, M., & **Hurwitz, D.** (2019) "Analysis of Cut-in Behavior Based on Naturalistic Driving Data," *Accident Analysis & Prevention*, Volume 124, 127-137. [[Link](#)]
55. Katathas, P., **Hurwitz, D.**, Parrish, C., & Zhang, Y. (2018) "A survey on road noise prediction for milled shoulder rumble strip designs," *International Journal of Vehicle Noise and Vibration*, Volume 14, Issue 3, 251-269. [[Link](#)]
56. Jannat, M.\*, **Hurwitz, D.**, Monsere, C., & Funk, K. (2018) "The Role of Driver's Situational Awareness on Right-Hook Bicycle-Motor Vehicle Crashes," *Safety Science*, Volume 110, Issue Part A, 92-101. [[Link](#)]

57. Horne, D.\*, Abadi, M.G.\*, & Hurwitz, D. (2018) "Bicycling Simulator Calibration: A Proposed Framework," *Transportation Research Record: Journal of the Transportation Research Board*. Volume 2672, Issue 37, Pages 1-8. [[Link](#)]
58. Slocum, R., Adams, R., Buker, K.\*, Hurwitz, D., Mason, H.B., Parrish, C. & Scott, M. (2018) "Response Spectrum Devices for Active Learning in Earthquake Engineering Education," *Hardware X*, Volume 4. [[Link](#)]
59. Mason, H.B., Hurwitz, D., Adams, R., Buker, K.\*, Slocum, R., & Scott, M.H. (2018) "Increasing Student Understanding of Response Spectra: A Case for the Inductive Learning Approach," *Earthquake Spectra*, Volume 34, Issue 2, 459-469. [[Link](#)]
60. Abadi, M.G.\* & Hurwitz, D. (2018) "Bicyclist's Perceived Level of Comfort in Dense Urban Environments: How do Ambient Traffic, Engineering Treatments, and Bicyclist Characteristics Relate," *Sustainable Cities and Society*, Volume 40, 101-109. [[Link](#)]
61. Mohammed, H.A.\*, Hurwitz, D., & Smaglik, E. (2018) "Variable Driver Responses to Yellow Indications: An Operational Challenge and Safety Concern," *ITE Journal*, January, 44-49. [[Link](#)]
62. Jung, J., Olsen M., Hurwitz, D., Kashani, A., & Buker, K.\* (2018) "Evaluation of 3D Sight Distance at Unsignalized Intersections" *Transportation Research Part C: Emerging Technologies*, Volume 86, 563-597. [[Link](#)]
63. Abadi, M.G.\*, Hurwitz, D., Marnell, P., & Quayle S. (2017) "Evaluation of Red Clearance Extension Designs with Hardware-in-the-Loop Simulation," *Transportation Letters*, 1-11. [[Link](#)]
64. Abadi, M.G.\*, Hurwitz, D., & Brown, S. (2017) "Influence of Context on Item-Specific Self-Efficacy and Competence of Engineering Students," *International Journal of Engineering Education*, Volume 33, Number 4, 1-10. [[Link](#)]
65. Villanueva, K., Brown, S., Pitterson, N., Hurwitz, D., & Sitomer, A. (2017) "Teaching Evaluation Practices in Engineering Programs: Current Approaches and Usefulness" *International Journal of Engineering Education*, Volume 33, Number 4, 1-18. [[Link](#)]
66. Islam, M.\*, Wyman, A.\*, & Hurwitz, D. (2017) "Improved Driver Response to Phase Termination with Green Signal Countdown Timers," *Transportation Research Part F: Traffic Psychology and Behaviour*, Volume 51, 1-13. [[Link](#)]
67. Abadi, M.G.\*, Jashami, H.\*, McCrea, S.A.\*, & Hurwitz, D. (2017) "Evaluation of Right-of-Way Transitions at Signalized Intersections: Implications of Driver Behavior for Conflicting Through Movements," *Transportation Research Record: Journal of the Transportation Research Board*, Volume 2624, Issue 1, 48-57. [[Link](#)]
68. Warner, J.\*, Hurwitz, D., Monsere, C., & Fleskes, K.\* (2017) "A Simulator-Based Analysis of Engineering Treatments for Right-Hook Bicycle Crashes at Signalized Intersections," *Accident Analysis & Prevention*, Volume 104, 46-57. [[Link](#)]
69. Abadi, M.G.\*, Hurwitz, D., & Brown, S. (2016) "Holistic and Iterative Development and Dissemination of Conceptual Traffic Signal Questions," *Journal of Professional Issues in Engineering Education and Practice*, ASCE, Volume 142, Issue 4. [[Link](#)]
70. Hurwitz, D., Sanford Bernhardt, K., Turochy, R., & Young, R. (2016) "Transportation Engineering Curriculum: Analytic Review of the Literature," *Journal of Professional Issues in Engineering Education and Practice*, ASCE, Volume 142, Issue 3. [[Link](#)]
71. Neill, J.\*, Hurwitz, D., & Olsen, M. (2016) Alternative Information Signs: An Evaluation of Driver Comprehension and Visual Attention. *Journal of Transportation Engineering*, ASCE, Volume 142, Issue 1. [[Link](#)]
72. Hurwitz, D., Miller, E., Jannat, M.\*, Boyle, L., Brown, S., Abdel-Rahim, A., & Wang, H. (2016) "Improving Teenage Driver Perceptions Regarding the Impact of Distracted Driving in the Pacific Northwest," *Journal of Transportation Safety & Security*, Volume 8, Issue 2, 148-163. [[Link](#)]

73. Islam, M.\*, **Hurwitz, D.**, & Macuga, K. (2016) "Improved Driver Responses at Intersections with Red Signal Countdown Timers," *Transportation Research Part C: Emerging Technologies*, Volume 63, 207-221. [[Link](#)]
74. Dong, S., Wang, H., **Hurwitz, D.**, Zhang, G., & Shi, J. (2015) "Nonparametric Modeling of Vehicle-type Specific Headway Distribution in Freeway Work Zones," *Journal of Transportation Engineering*, ASCE, Volume 141, Issue 11. [[Link](#)]
75. **Hurwitz, D.**, Sanford Bernhardt, K., Turochy, R., & Young, R. (2015) "Transportation Engineering Instruction Practices: Analytic Review of the Literature," *Transportation Research Record: Journal of the Transportation Research Board*, Volume 2480, Issue 1, 45-54. [[Link](#)]
76. Wang, H., Li, Z., **Hurwitz, D.**, & Shi, J. (2015) "Parametric Modeling of the Heteroscedastic Traffic Speed Variance from Loop Detector Data," *Journal of Advanced Transportation*, Volume 49, Issue 2, 279-296. [[Link](#)]
77. **Hurwitz, D.**, Monsere, C., Marnell, P.\*, & Paulsen, K. (2014) "Three- or Four-Section Displays for Permissive Left-Turns? Some Evidence from Simulator-Based Analysis of Driver Performance," *Transportation Research Record: Journal of the Transportation Research Board*, Volume 2463, Issue 1, 1-9. [[Link](#)]
78. **Hurwitz, D.**, Brown, S., Islam, M.\*, Daratha, K., & Kyte, M. (2014) "Traffic Signal System Misconceptions across Three Cohorts: Novice Students, Expert Students, and Practicing Engineers," *Transportation Research Record: Journal of the Transportation Research Board*, Volume, 2414, Issue 1, 52-62. [[Link](#)]
79. **Hurwitz, D.**, Swake, J.\*, Brown, S., Young, R., Heaslip, K., Sanford Bernhardt, K., & Turochy, R. (2014) "Influence of Collaborative Curriculum Design on Educational Beliefs, Curriculum Development Networks and Classroom Practice in Transportation Engineering Education," *Journal of Professional Issues in Engineering Education and Practice*, ASCE, Volume 140, Issue 3. [[Link](#)]
80. Moore, D.\* & **Hurwitz, D.** (2013) "Fuzzy Logic for Improved Dilemma Zone Identification: A Driving Simulator Study," *Transportation Research Record: Journal of the Transportation Research Board*, Volume 2384, Issue 1, 25-34. [[Link](#)]
81. **Hurwitz, D.**, Heaslip, K., Schrock, S., Swake, J.\*, Marnell, P.\*, Tuss, H.\* & Fitzsimmons, E. (2013) "Implications of Distracted Driving on Startup Lost Time for Dual Left Turn Lanes," *Journal of Transportation Engineering*, ASCE, Volume 139, Issue 9, 923-930. [[Link](#)]
82. Turochy R., Fricker, J., Hawkins, G., **Hurwitz, D.**, Ivey, S., Knodler, M., & Young, R. (2013) "Assessment of the Introductory Transportation Engineering Course and the General Transportation Engineering Curriculum," *Transportation Research Record: Journal of the Transportation Research Board*, Volume 2328, Issue 1, 9-15. [[Link](#)]
83. **Hurwitz, D.**, Heaslip, K., & Moore, D.\* (2012) "Relating Transportation Systems Management & Operations Strategies to Policy Goals: A Framework for Quantitative Decision Making," *Engineering Management Journal*, ASEM, Volume 24, Issue 3, 32-42. [[Link](#)]
84. Evans, T., Heaslip, K., Boggs, W., **Hurwitz, D.**, & Gardiner, K. (2012) "Assessment of Sign Retroreflectivity Compliance for the Development of a Management Plan," *Transportation Research Record: The Journal of the Transportation Research Board*, Volume 2272, Issue 1, 103-112. [[Link](#)]
85. **Hurwitz, D.**, Knodler, M., Nyquist, B., Moore, D.\*, & Tuss, H.\* (2012) "An Evaluation of the Effects Associated with Advanced Vehicle Detection Systems on Dilemma Zones," *ITE Journal*, Volume 82, Number 3, 24-28. [[Link](#)]
86. **Hurwitz, D.**, Wang, H., Knodler, M., Ni, D., & Moore, D.\* (2012) "Fuzzy Sets to Describe Driver Behavior in the Dilemma Zone of High-Speed Signalized Intersections," *Transportation Research Part F: Traffic Psychology and Behavior*, Volume 15, Issue 2, 132-143. [[Link](#)]



87. Bill, A., Beyerlein, S., Heaslip, K., **Hurwitz, D.**, Sanford Bernhardt, K., Kyte, M., & Young, R.K. (2011) "Development of Knowledge Tables and Learning Outcomes for an Introductory Course in Transportation Engineering," *Transportation Research Record: Journal of the Transportation Research Board*, Volume 2211, Issue 1, 27-35. [[Link](#)]
88. **Hurwitz, D.**, Knodler, M., & Nyquist, B. (2011) "Evaluation of Driver Behavior in Type II Dilemma Zones at High-Speed Signalized Intersections," *Journal of Transportation Engineering, ASCE*, Volume 137, Issue 4, 277-286. [[Link](#)]
89. Muttart, J., **Hurwitz, D.**, Pradhan, A., Fisher, D., & Knodler, M. (2011) "Developing an Adaptive Warning System for Backing Crashes in Different Types of Backing Scenarios," *Journal of Transportation Safety and Security*, Volume 3, Issue 1, 38-58. [[Link](#)]
90. **Hurwitz, D.**, Pradhan, A., Fisher, D., Knodler, M., Muttart, J., Menon, R., & Meissner, U. (2010) "Backing Collisions: A Study of Drivers' Eye and Backing Behavior Using Combined Rear View Camera and Sensor Systems," *Injury Prevention*, Volume 16, Issue 2, 79-84. [[Link](#)]

#### Refereed Journal Publication Discussions

1. Ahmed, A.\*, **Hurwitz, D.**, Geston, S., & Brown, S. (2022) "Discussion of "Difference between Professionals and Students in Their Visual Attention on Multiple Representation Types While Solving an Open-Ended Engineering Design Problem," *Journal of Civil Engineering Education, ASCE*, Volume 149, Issue 1. [[Link](#)]

#### Refereed Conference Publications

1. Chand, C., Jashami, H., & **Hurwitz, D.** (2024) Evaluation of Cyclist Galvanic Skin Response and Visual Attention in Commercial Vehicle Loading Zones. Road Safety and Simulation, Lexington, KY, October 28-31. [TBD]
2. Chattopadhyay, S., Yang, H-J, Shihab, I.F., Day, C., **Hurwitz, D.**, Sarkar, S., & Sharma, A. (2024) Exploring Current Capabilities of Large Language Models for Use as Signal Timing Virtual Assistants," *103<sup>rd</sup> Transportation Research Board Annual Meeting*, Washington D.C., January 7-11.
3. Jiao, Y., Wang, X., & **Hurwitz, D.** (2024) "Revision of the Driver Behavior Questionnaire for Bus Drivers in China Based on In-vehicle Monitoring Data," *103<sup>rd</sup> Transportation Research Board Annual Meeting*, Washington D.C., January 7-11.
4. Riffle, K., Smaglik, E., Prcaccio, S., Gehrke, S., Russo, B., & **Hurwitz, D.** (2023) Applying Traffic Flow Theory in Assessing Detector Performance. *World Conference on Transportation Research, Montreal*, Quebec, Canada, July 17-21.
5. Jashami, H.\*, Sinkus, I.\*, Cobb, D.\*, & **Hurwitz, D.** (2022) Evaluation of Cyclist Galvanic Skin Response and Visual Attention in Commercial Vehicle Loading Zones. *Road Safety and Simulation*, Athens, Greece, June, 8-10. [**Best Paper Award for Researchers**]
6. Yin, W., Chai, C., **Hurwitz, D.**, Wang, S., Guo, J., & Liu, X. (2022) Evaluating Effects of Urgent Takeover Requests on Driver Stress through Galvanic Skin Response Analysis. *22<sup>nd</sup> COTA International Conference of Transportation Professionals (CICTP)*, July 8-11.
7. Geston, S., Brown, S., Abadi, M.G., & **Hurwitz, D.** (2019) "Factors Contributing to the Problem-Solving Heuristics of Civil Engineering Students," *126<sup>th</sup> ASEE Annual Conference & Exposition Conference Compendium*, Tampa, FL, June 15-19. 17 pages. [**Stephen J. Ressler Best Paper Award, Civil Engineering Division of ASEE**] [[Link](#)]
8. Abadi, M.G., Geston, S., Brown, S., & **Hurwitz, D.**, (2019) "Problem-Solving Rationales of Practicing Transportation and Hydraulic Engineers When Provided Multiple Contextual Representations," *126<sup>th</sup> ASEE Annual Conference & Exposition Conference Compendium*, Tampa, FL, June 15-19. [[Link](#)]

9. Gestson, S., Lutz, B., Brown, S., Barner, M., **Hurwitz, D.**, & Abadi, M.G.\* (2018) "Developing an Understanding of Civil Engineering Practitioner Problem-Solving Rationale Using Multiple Contextual Representations," *125<sup>th</sup> ASEE Annual Conference & Exposition Conference Compendium*, Salt Lake City, UT, June 24-27. [[Link](#)]
10. Estes, A., Ressler, S., Saviz, C., Barry, B., Considine, C., Coward, D., Dennis, N., Hamilton, S., **Hurwitz, D.**, Kunberger, T., Lenox, T., Nilson, T., Nolen, L., O'Brien, J., O'Neill, R., Saftner, D., Salyards, K., & Welch, R. (2018) "Celebrating 20 Years of the ExCEED Teaching Workshop," *125<sup>th</sup> ASEE Annual Conference & Exposition Compendium*, Salt Lake City, UT, June 24-27. [[Link](#)]
11. Wang, X., Yang, M., **Hurwitz, D.**, & Zhu, M. (2018) "An Exploration of Cut-in Behavior and Gap Acceptance using Shanghai Naturalistic Driving Data," *97<sup>th</sup> Transportation Research Board Annual Meeting Compendium*, Paper 18-02562. [[Link](#)]
12. Abadi, M.G.\*, **Hurwitz D.**, Marnell, P., & Quayle, S. (2017) "Towards Safer Signalized Intersections: Smarter Red Clearance Extension Systems," *Road Safety & Simulation International Conference (RSS2017)*, The Hague, NL, Oct. 17-19.
13. Jashami, H.\*, Abadi, M.G.\*, & **Hurwitz, D.** (2017) "Factors Contributing to Self-Reported Cell Phone Usage by Younger Drivers in the Pacific Northwest," *9<sup>th</sup> International Driving Symposium on Human Factors in Driver Assessment training, and Vehicle Design*, Manchester Village, VT, June 26-29. [[Link](#)]
14. Jashami, H.\*, **Hurwitz, D.**, Abdel-Rahim, A., Bham, G., Boyle, L., & Cofer, W. (2017) "Educating Teenage Drivers in the Pacific Northwest about Distracted Driving," *96<sup>th</sup> Transportation Research Board Annual Meeting Compendium*, Paper 17-02233. [[Link](#)]
15. Young, R., Sanford Bernhardt, K., **Hurwitz, D.**, & Turochy, R. (2015) "What a Systematic Literature Review Tells Us About Transportation Engineering Education," *122<sup>nd</sup> ASEE Annual Conference & Exposition Conference Compendium*, Seattle, WA, June 14-17. [[Link](#)]
16. Islam, M.\*, **Hurwitz, D.**, & Brown, S. (2014) "Traffic Signal System Misconceptions across Three Cohorts: Novice Students, Expert Students, and Practicing Engineers," *121<sup>st</sup> ASEE Annual Conference & Exposition Conference Compendium*, Indianapolis, IN, June 15-18. [[Link](#)]
17. Jannat, M.\*, **Hurwitz, D.** & Brown, S. (2014) "Promoting the Adoption of Innovative Teaching Practices by Transportation Engineering Faculty in a Workshop," *121<sup>st</sup> ASEE Annual Conference & Exposition Conference Compendium*, Indianapolis, IN, June 15-18. [[Link](#)]
18. Dong, S., Wang, H., **Hurwitz, D.**, & Heaslip, K. (2014) "Vehicle-type Specific Headway Distribution in Freeway Work Zone: A Nonparametric Approach," *Transportation Research Board Annual Meeting Compendium*, Paper 14-4355. [[Link](#)]
19. Swake, J.\*, **Hurwitz, D.**, & Neil, J.\*, & Gambatese, J. (2014) "Influence of Mobile Barriers in Work Zones on Driver Behavior," *93<sup>rd</sup> Transportation Research Board Annual Meeting Compendium*, Paper 14-2225. [[Link](#)]
20. Sanford Bernhardt, K., **Hurwitz, D.**, Young, R., Bill, A., Brown, S., Heaslip, K., Kyte, M., Swake, J.\*, & Turochy, R. (2013) "A Model for Collaborative Curriculum design in Transportation Engineering Education," *120<sup>th</sup> ASEE Annual Conference & Exposition Conference Compendium*, Atlanta, GA, June 23-26. [[Link](#)]
21. **Hurwitz, D.**, Brown, S., Islam, M.\*, & Daratha, K. (2013) "Mental Models of Students and Practitioners in the Development of an Authentic Assessment Instrument for Traffic Signal Engineering," *120<sup>th</sup> ASEE Annual Conference & Exposition Conference Compendium*, Atlanta, GA, June 23-26. [[Link](#)]
22. Swake, J.\*, Jannat, M.\*, Islam, R.\* & **Hurwitz, D.** (2013) "Driver Response to Phase Termination at Signalized Intersections: Are Driving Simulator Results Valid?," *7<sup>th</sup> International Driving Symposium on Human Factors in Driver Assessment, Training, and Vehicle Design*, Bolton Landing, NY, June 17-20, 278-284. [[Link](#)]

23. Marnell, P.\*, Tuss, H.\*, **Hurwitz, D.**, Paulsen, K., & Monsere, C. (2013) "Permissive Left-Turn Behavior at the Flashing Yellow Arrow in the Presence of Pedestrians," *7<sup>th</sup> International Driving Symposium on Human Factors in Driver Assessment, Training, and Vehicle Design*, Bolton Landing, NY, June 17-20, 488-494. [[Link](#)]
24. Tupper, S., Knodler, M., Fitzpatrick, C., & **Hurwitz, D.** (2013) "Estimating Critical Gap—Comparison of Methodologies Using a Robust, Real-World Data Set," *92<sup>nd</sup> Transportation Research Board Annual Meeting Compendium*, Paper 13-5019. [[Link](#)]
25. **Hurwitz, D.**, Tuss, H.\*, Olsen, M., Roe, G., & Knodler, M. (2013) "Transportation Applications for Mobile LIDAR: A State-of-the-Practice Questionnaire," *92<sup>nd</sup> Transportation Research Board Annual Meeting Compendium*, Paper 13-1606. [[Link](#)]
26. Wang, H., Li, Z. **Hurwitz, D.**, & Ni, D. (2012) "Traffic Speed Variance Modeling with Application in Travel Time Variability Estimation," *91<sup>st</sup> Transportation Research Board Annual Meeting Compendium*, Paper 12-2618. [[Link](#)]
27. **Hurwitz, D.**, Knodler, M., Tuss, H.\*, Swake, J.\*, & Moore, D.\* (2012) "An Evaluation of the Effects Associated with Advanced Vehicle Detection Systems on Dilemma Zone Protection," *91<sup>st</sup> Transportation Research Board Annual Meeting Compendium*, Paper 12-1143. [[Link](#)]
28. Young, R., Sanford Bernhardt, K., Beyerlein, S., Bill, A., Kyte, M., Heaslip, K., **Hurwitz, D.**, & Nambisan, S. (2011) "A Nationwide Effort to Improve Transportation Engineering Education," *118<sup>th</sup> ASEE Annual Conference & Exposition Conference Compendium*, Vancouver, BC, June 26-29. [[Link](#)]
29. Tupper, S., Knodler, M., & **Hurwitz, D.** (2011) "Connecting Gap Acceptance Behavior with Crash Experience," *Proc. 3<sup>rd</sup> International Conference on Road Safety and Simulation Conference*, Indianapolis, IN, September 14-16, 1-18. [[Link](#)]
30. Nabaee, S.\*, Moore, D.\*, & **Hurwitz, D.** (2011) "Revisiting Driver Behavior at Unsignalized Intersections: Time of Day Implications for Two Way Left Turn Lanes (TWLTL)," *Proc. 6<sup>th</sup> International Driving Symposium on Human Factors in Driver Assessment, Training, and Vehicle Design*, Olympic Valley-Lake Tahoe, CA, June 27-30, 440-446. [[Link](#)]
31. **Hurwitz, D.**, Knodler, M., Nabaee, S.\*, & Tuss, H.\* (2011) "Driver Comprehension of the Circular Yellow Indication: Implications of Regional Variability," *90<sup>th</sup> Transportation Research Board Annual Meeting Compendium*, Paper 11-3065. [[Link](#)]
32. Muttart, J., **Hurwitz, D.**, Pradhan, A., Fisher, D., & Knodler, M. (2010) "Backing Acceleration and Response Time to an Audible Warning in a Field Test," *89<sup>th</sup> Transportation Research Board Annual Meeting Compendium*, Paper 10-2773. [[Link](#)]
33. Knodler, M., **Hurwitz, D.**, & Rothenberg, H. (2008) "An Evaluation of Rationally Implemented Speed Limits on Collector Roadways," *87<sup>th</sup> Transportation Research Board Annual Meeting Compendium*, Paper 08-2757. [[Link](#)]
34. **Hurwitz, D.**, & Knodler, M. (2007) "Static and Dynamic Evaluation of the Driver Speed Perception and Selection Process," *Proc. 4<sup>th</sup> International Driving Symposium on Human Factors in Driver Assessment, Training, and Vehicle Design*, Stevenson, WA, July 9-12, 358-364. [[Link](#)]
35. **Hurwitz, D.**, Knodler, M., & Dulaski, D. (2005). "Speed Perception Fidelity in a Driving Simulator Environment," *Proc. Driving Simulator Conference North America*, Orlando, FL, Nov. 30-Dec. 2, 343-352. [[Link](#)]

#### Conference Publications Refereed by Abstract

1. Wyman, A.\*, Jashami, H., **Hurwitz, D.**, & Fuentes, C. (Accepted) "An Observational Evaluation of Pedestrian Behavior at Signalized Intersections," *104<sup>th</sup> Transportation Research Board Annual Meeting Compendium*, Washington, D.C. [TRBAM-25-02202]

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2. Breuer, H.\*, Jashami, H., & **Hurwitz, D.** (Accepted) "Evaluation of Road User Perceptions of Novel Bick Turnouts," *104<sup>th</sup> Transportation Research Board Annual Meeting Compendium*, Washington, D.C. [TRBAM-25-03473]
3. Wyman, A.\*, Jashami, H., & Hurwitz, D. (2024) A recruited Participant Study of Pedestrian Infrastructure. Road Safety and Simulation, Lexington, KY, October 28-31. [TBD]
4. Wyman, A.\*, **Hurwitz, D.** (2022) "Pedestrian Pushbutton Modifications for Improved Pedestrian Compliance" *Road Safety on 5 Continents*, Grapevine, Texas, October 10-12.
5. Scott-Deeter, L.\*, **Hurwitz, D.**, Russo, B., Smaglik, E., & Kothuri, S. (2022) Treatments to Improve Bicyclist's Safety at Signalized Intersections. *8<sup>th</sup> Road Safety and Simulation Conference*, Athens, Greece, June 08-10, 2022.
6. Wyman, A.\* & **Hurwitz, D.** (2022) A Behavioral Approach to Improving Pedestrian Infrastructure at Intersections. *8<sup>th</sup> Road Safety and Simulation Conference*, Athens, Greece, June 08-10, 2022.
7. Chen, C.\*, Chand, C.\*, Wang, H., Belz, N., **Hurwitz, D.** (2022) Micro-mobility Promises and Challenges in the Pacific Northwest. *ASCE International Conference on Transportation & Development*, Seattle, WA, May 31 – June 3, 2022.
8. Breuer, H.\*, Hernandez, S., **Hurwitz, D.** (2022) Evaluation of Truck Parking in Rest Areas. *ASCE International Conference on Transportation & Development*, Seattle, WA, May 31 – June 3, 2022.
9. Chai, E.\*, Liu, Y.\*, Milacek, M.\*, **Hurwitz, D.** (2022) Application of Unmanned Aircraft Systems to Heavy Vehicle Operations and Safety at Roundabouts in Oregon. *ASCE International Conference on Transportation & Development*, Seattle, WA, May 31 – June 3, 2022.
10. Wyman, A.\* & **Hurwitz, D.** (2022) "An Evaluation of Two Bicycle Detection Systems in Oregon" *ASCE International Conference on Transportation & Development*, Seattle, WA, May 31 – June 3, 2022.
11. Cobb, D.\*, Jashami, H.\* Monsere, C., Kothuri, S. & **Hurwitz, D.** (2022) "User Comprehension of Bicycle Signal Countdown Timers," *101<sup>st</sup> Transportation Research Board Annual Meeting*, January 09-13.
12. Woodside, J.\*, Young, R., Chang, K., & **Hurwitz, D.** (2021) Systemic Evaluation of Bicycle Stop Laws. *ITE 2021 Annual Meeting & Exhibition*, Portland, OR, July 18-21.
13. Chand, C.\*, Larson, T.\*, & **Hurwitz, D.** (2019) "An Evaluation of Door Zone Collisions between Bicycles and Vehicles," *Road Safety and Simulation, Iowa City, Iowa, Oct. 14-17*.
14. Jashami, H.\*, **Hurwitz, D.**, Monsere, C., & Kothuri, S. (2019) "Do Drivers Correctly Interpret the Solid Circular Green from an Exclusive Right-Turn Bay?," *Road Safety and Simulation, Iowa City, Iowa, Oct. 14-17*. **[Recommended for Special Issue of Advances in Transportation Studies]**
15. Mason H.B., Scott, M.H., **Hurwitz, D.**, Buker, K.\*, and Adams, R.K. (2018) "An Inductive Learning Approach to Teaching Earthquake Response Spectra," *11<sup>th</sup> National Conference on Earthquake Engineering*, Los Angeles, CA, June 25-29.
16. **Hurwitz, D.** & Monsere C. (2018) "Safer Protected/Permitted Right-Turn Phasing for Drivers, Bicyclists, and Pedestrians," *ITE 2018 Western District Annual Meeting*, Keystone, CO, June 24-27.
17. Monsere, C. & **Hurwitz, D.** (2018) "Results from a Simulator-Based Analysis of Right-Hook Bicycle Crashes at Signalized Intersections," *11<sup>th</sup> International Co-operation on Theories and Concepts in Traffic Safety*, Vancouver, Canada, March 8<sup>th</sup>-9<sup>th</sup>. [\[Link\]](#)
18. Barlow, Z.\*, **Hurwitz, D.**, & Gambatese, G. (2018) "Synthesis of State Highway Worker Safety Practice and Programs in the United States," *18<sup>th</sup> Road Safety on Five Continents*, Jeju Island, South Korea, May 16-18. [\[Link\]](#)
19. Barlow, Z.\*, **Hurwitz, D.**, & Olsen, M. (2018) "Distraction Potential of Unmanned aircraft Systems (UAS) Near Roadways," *18<sup>th</sup> Road Safety on Five Continents*, Jeju Island, South Korea, May 16-18. [\[Link\]](#)

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20. Abadi, M. G.\*, Fleskes, K.\*, Jashami, H.\*, & **Hurwitz, D.** (2018) "Bicyclist's Perceived Level of Comfort Traveling Near Truck Loading Zones," 97<sup>th</sup> *Transportation Research Board Annual Meeting Compendium*, Paper 18-02144. [[Link](#)]
21. Horne, D.\* & **Hurwitz, D.** (2017) "Calibration of a Bicycling Simulator" 6<sup>th</sup> International Cycling Safety Conference (ICSC), Davis, California Sept. 21-22.
22. Barlow, Z.\*, Jamison, E., & **Hurwitz D.** (2017) "The Impact of Bridge and Road Developments on Rural Communities in the United States (1920-1950)," BRIDGE: The Heritage of Connecting Places and Cultures, Ironbridge Gorge World Heritage Site, July 6-10.
23. **Hurwitz, D.**, Monsere, C., Jannat, M.\*, & Jennifer, W.\* (2016) "Insights into the Right-Hook Crash at Signalized Intersections: Research Results from a Driving Simulator," 10<sup>th</sup> *University Transportation Centers Spotlight Conference on Pedestrian and Bicycle Safety*, Washington, D.C., Dec. 1-2., 2016. [[Link](#)]
24. **Hurwitz, D.**, Monsere, C., Jannat, M.\*, Jennifer, W.\* & Razmpa, A. (2016) "An Explanatory Mechanism for Right-hook Crashes at Signalized Intersections," 17<sup>th</sup> *Road Safety on Five Continents*, Rio de Janeiro, Brazil, May 17-19. [[Link](#)]
25. **Hurwitz, D.** & Mason, H. B. (2016) "Development and Implementation of Physical Models for Transportation Geotechnics," *ASEE PNW Section Annual Conference*, Boise, Idaho, March 31-April 2.
26. **Hurwitz, D.** Halston, T.\*, Patrick, M.\*, Chris, M. & Kirk, P. (2013) "Driver Reactions to the Flashing Yellow Arrow in the Presence of Pedestrians," *ITE 2013 Western District Annual Meeting*, Phoenix, AZ, July 14-17. [[Link](#)]
27. Tuss, H.\* & **Hurwitz, D.** (2011) "Efficiency Lost at Signalized Intersections from Distracted Driving," *ITE 2011 Western District Annual Meeting*, Anchorage, AK, July 10-13. [[Link](#)]
28. **Hurwitz, D.**, Chase, M., & Knodler, M. (2007) "Development of a Traffic Impact and Access Study Decision Matrix," *ITE 2007 Annual Meeting & Exhibition*, Pittsburgh, PA, August 5-8. [[Link](#)]

**Research Reports**

1. **Hurwitz, D.**, Jashami, H., Moreno-Rangel, E.A.\*, & Alabdali, S.\* (Submitted 09/09/24) Validation of Automated Traffic Signal Performance Measures (ATSPM) in Portland, OR, Portland Bureau of Transportation (PBOT), Portland, OR, 38p.
2. **Hurwitz, D.**, Jashami, H., Scott-Deeter, L.\*, & Law, C. (2024) Oregon State University National Summer Transportation Institute Final Report, Oregon Department of Transportation (ODOT) & Federal Highway Administration (FHWA)., 17p.
3. **Hurwitz, D.**, Macuga, K., Miller, S., Hunter-Zaworski, K., Jashami, H., Wyman, A.\*, Benson, A.J. (Submitted 6/15/24) Making ADS Vehicles Usable and Inclusive: Considerations for Vulnerable Road Users, National Highway Traffic Safety Administration (NHTSA), Washington, D.C., 59p.
4. **Hurwitz, D.**, Hisham, H., Scott-Deeter, L.\*, Hernandez, S. & Umphress, J. (2024) Truck Access into Roundabouts, Oregon Department of Transportation (ODOT), Salem, OR, 83p. [[Link](#)]
5. **Hurwitz, D.**, Jashami, H., Carr, S.\*, Wyman, A.\*, & Rangel, E.M.\* (2024) Evaluation of Dutch-Style Countdown Timer Performance and Compliance at Signalized Intersections in Portland, Oregon, Portland Bureau of Transportation (PBOT), Portland, OR, 19p.
6. **Hurwitz, D.**, Jashami, H., & Bruer, L.\* (2024) Safety and User Perceptions of Auxiliary Bike Lanes, Oregon Department of Transportation (ODOT), Salem, OR, 141p. [[Link](#)]
7. **Hurwitz, D.**, Jashami, H., Weber, J.\*, Monsere, C., & Kothuri, S. (2024) Removing Residual Lane Markings to Reduce Driver Confusion, Oregon Department of Transportation (ODOT), Salem, OR, 113p. [[Link](#)]
8. **Hurwitz, D.**, Jashami, H., Wyman, A.\*, & Logan, S-D.\* (2023) Safety Features for Local Roads and Streets, Oregon Department of Transportation (ODOT), Salem, OR, 12p.

9. **Hurwitz, D., Wyman, A.\*** & Law, C. (2023) Oregon State University National Summer Transportation Institute Final Report, Oregon Department of Transportation (ODOT) & Federal Highway Administration (FHWA)., 16p.
10. **Hurwitz, D., Chai, E.\***, Jashami, H. Monsere, C., & Kothuri, S. (2023) Safest Placement for Crosswalks at Intersections, Oregon Department of Transportation (ODOT), Salem, OR, 144p. [\[Link\]](#)
11. Hurwitz, D., **Woodside, J.\***, Jashami, H., Chang, K., Young, R., Campos, A.R. (2023) Impact of Bicycling Rolling Stop Laws on Safety-Relevant Behaviors in the Pacific Northwest, Pacific Northwest Transportation Consortium (PacTrans), Seattle, WA, 110p.
12. Ranjbari, A., Goodchild, A., McCormack, E., Verma, R., **Hurwitz, D., Liu, Y.\***, Jashami, H. (2023) Insights from Commercial Driver Parking Decisions in a Truck Simulator to Inform Curb Management Decisions, Pacific Northwest Transportation Consortium (PacTrans), Seattle, WA, 72p.
13. **Hurwitz, D., Wyman, A.\***, & Jashami, H. (2022) A Safety Evaluation of Turn Lane-Adjacent Bike Lane Configurations in Portland, Oregon. Portland Bureau of Transportation (PBOT), Portland, OR, 21p.
14. Russo, B., Smaglik, E., Kothuri, S., **Hurwitz, D.**, & **Scott-Deeter, L.\*** (2022) Impacts of Intersection Treatments and Traffic Characteristics on Bicyclist Safety. Oregon Department of Transportation (ODOT), Salem, OR, 135p. [\[Link\]](#)
15. **Hurwitz, D., Wyman, A.\***, & Jashami, H. (2022) Evaluation of Two Sensor Systems for Bicyclist Detection in Portland, Oregon. Portland Bureau of Transportation (PBOT), Portland, OR, 21p.
16. Smaglik, E., Riffle, K., Gehrke, S., Russo, B., Procaccio, S., **Hurwitz, D., Liu, Y.\***, & **Chai, E.\***, (2022) Automated Identification of Traffic Detector Malfunctions. Oregon Department of Transportation (ODOT), Salem, OR, 84p. [\[Link\]](#)
17. **Hurwitz, D., Milacek, M.\***, & Jashami, H. (2022) Project #4 Evaluation of the Reliability and Effectiveness of a Pedestrian Call Extension and Cancellation System. Washington County, OR, 40p.
18. **Hurwitz, D. & Wyman, A.\*** (2022) Project #2 Pedestrian Push Button Improvements for Increased Pedestrian Compliance. Washington County, OR, 44p.
19. **Hurwitz, D. & Ahmed, A.\*** (2022) Project #1 Evaluation of the Effectiveness of School Zone Speed 20 Flashers in Raising Driver's Detection of Pedestrian Conflicts at Harmonizing Vehicular Speeds/Speed Compliance. Washington County, OR, 23p.
20. Monsere, C. & **Hurwitz, D., Milacek, M.\***, Sirisha, K., & Anderson, J. (2022) Safety Investigations Manual, 2<sup>nd</sup> Edition. Oregon Department of Transportation (ODOT), Salem, OR, 112p. [\[Link\]](#)
21. Hernandez, S., **Hurwitz, D., Milacek, M.\***, Velasquez, B., & Zubaidi, H. (2021) Support for Crash Analysis at Signalized Intersections and Roundabouts in Oregon. Oregon Department of Transportation (ODOT), Salem, OR, 50p.
22. **Hurwitz, D., Hernandez, S., & Breuer, H.\*** (2021) Preliminary Investigation of Heavy Vehicle Parking Design in Oregon Rest Areas. Oregon Department of Transportation (ODOT), Salem, OR, 40p.
23. Gambatese, J., **Hurwitz, D., & Ahmed, A.\*** (2021) Use of Flashing Amber-White Lights on Paving Equipment in Work Zones. Oregon Department of Transportation (ODOT), Salem, OR, 73p. [\[Link\]](#)
24. Monsere, C., Kothuri, S., **Hurwitz, D., Cobb, D.\***, & **Jashami, H.\***, (2021) Bicycle Detection and Feedback Assessment. Oregon Department of Transportation (ODOT), Salem, OR, 225p. [\[Link\]](#)
25. **Hurwitz, D., Wyman, A.\***, **Ahmed, A.\***, **Woodside, J.\***, **Sova, A.\***, & Law, C. (2020) Oregon State University Summer Transportation Institute. Oregon Department of Transportation & Federal Highway Administration., 16p.

26. **Hurwitz, D.** & **Larson, T.\*** (2020) Evaluation of Dynamic Passive Pedestrian Detection. Washington County, Oregon., 48p.
27. MaCormack, E., Goodchild, A., **Hurwitz, D.**, **Hisham, J.\*** & **Cobb, D.\*** (2020) Developing Design Guidelines for Commercial Vehicle Envelopes on Urban Streets. Pacific Northwest Transportation Consortium (PacTrans), Seattle, WA., 124p. [[Link](#)]
28. Monsere, C., Anderson, J., Kothuri, S., **Hurwitz, D.**, & **Chand, C.\*** (2020) Addressing Oregon's Rise in Deaths and Serious Injuries for Senior Drivers and Pedestrians. Oregon Department of Transportation (ODOT), Salem, OR, 110p. [[Link](#)]
29. Monsere, C., **Hurwitz, D.**, Fink, C., Kothuri, S., Schultheiss, B., Hillman, T., Shaw, G., **Cobb, D.\***, & Boudart, J. (2020) Web-Only Document 273: Road User Understanding of Bicycle Signal Faces on Traffic Signals. National Cooperative Highway Research Program (NCHRP), Washington, D.C., 145p. [[Link](#)]
30. Parrish, C., **Hurwitz, D.**, **Simpson, C.**, Sorour, S., & Abdel-Rahim, A. (2019) An Airborne LIDAR Scanning and Machine Learning System for Real-Time Event Extraction and Control Policies in Urban Transportation Networks. Pacific Northwest Transportation Consortium (PacTrans), Seattle, WA., 42p. [[Link](#)]
31. Fisher, E., **Hurwitz, D.**, Lancaster, T., & Layton, R. (2019) Traffic Control Devices Program Review Multnomah County, Oregon, Local Technical Assistance Program, Corvallis, OR, 46p.
32. Hurwitz, D., **Horne, D.**, & **Jashami, H.\*** (2019) Quantifying the Performance of Low-noise Transverse Rumble Strips. Oregon Department of Transportation (ODOT), Salem, OR, 46p. [[Link](#)]
33. Gambatese, J., **Hurwitz, D.**, **Ahmed, A.\***, & **Aswad Mohammed, H.\*** (2019) Use of Blue Lights on Paving Equipment in Work Zones. Oregon Department of Transportation (ODOT), Salem, OR, 83p. [[Link](#)]
34. **Hurwitz, D.**, **Horne, D.\***, **Jashami, H.\***, Monsere, M., & Kothuri, S. (2019) Quantifying the Performance of Low-Noise Rumble Strips. Oregon Department of Transportation (ODOT), Salem, OR, 108p. [[Link](#)]
35. **Hurwitz, D.**, Lancaster, T., & Layton, R. (2018) Traffic Control Devices Program Review Toledo, Oregon, Local Technical Assistance Program, Corvallis, OR, 31p.
36. Chang, K., Warmbrodt, S., **Hurwitz, D.**, & **Simpson, E.\*** (2018) Streamlining the Crash Reporting Process in the Pacific Northwest. Pacific Northwest Transportation Consortium (PacTrans), Seattle, WA, 108p. [[Link](#)]
37. **Hurwitz, D.**, **Abadi, M.G.\***, MaCormack, E., Goodchild, A., & Sheth, M. (2018) An Examination of the Impact of Increasing Commercial Parking Utilization on Cyclist Safety in Urban Environments. Pacific Northwest Transportation Consortium (PacTrans), Seattle, WA, 96p. [[Link](#)]
38. **Hurwitz, D.** & **Abadi, M.G.\*** (2018) Improved Safety and Efficiency of Protected/Permitted Right Turns in the Pacific Northwest. Pacific Northwest Transportation Consortium (PacTrans), Seattle, WA, 69p. [[Link](#)]
39. **Hurwitz, D.**, **Jashami, H.\***, **Buker, K.\***, Monsere, C., Kothuri, S., & Kading, A. (2018) Improved Safety and Efficiency of Protected/Permitted Right Turns in Oregon. Oregon Department of Transportation (ODOT), Salem, OR, 138p. [[Link](#)]
40. **Hurwitz, D.**, Olsen, M., & **Barlow, Z.\*** (2018) Driver Distraction Due to Drones. Oregon Department of Transportation (ODOT), Salem, OR, 100p. [[Link](#)]
41. **Hurwitz, D.**, **Fleskes, K.\***, Abdel-Rahim, A., Belz, N., Boyle, L., & Hajibabai, L. (2017) Mitigation of Lane Departure Crashes in the Pacific Northwest through Coordinated Outreach (Phase III). Pacific Northwest Transportation Consortium (PacTrans), Seattle, WA, 30p. [[Link](#)]

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42. **Hurwitz, D., Barlow, Z.\***, Abdel-Rahim, A., Belz, N., Boyle, L., & Hajibabai, L. (2017) Mitigation of Lane Departure Crashes in the Pacific Northwest through Coordinated Outreach (Phase II). Pacific Northwest Transportation Consortium (PacTrans), Seattle, WA, 31p. [[Link](#)]
43. Gambatese, J., **Hurwitz, D.**, & **Barlow, Z.\*** (2017) Highway Worker Safety. National Cooperative Highway Research Program (NCHRP) Synthesis Report, Washington, D.C., 149p. [[Link](#)]
44. Olsen, M., **Hurwitz, D.**, Kashani, A., & **Buker, K.\*** (2016) 3D Virtual Sight Distance Analysis using Lidar Data. Pacific Northwest Transportation Consortium (PacTrans), Seattle, WA, 87p. [[Link](#)]
45. **Hurwitz, D.**, **Abadi, M.\***, **McCrea, S.\***, Quayle, S. & Marnell, P. (2016) Smarter Red Clearance Extension Systems. Oregon Department of Transportation (ODOT), Salem, OR, 139p. [[Link](#)]
46. **Hurwitz, D.**, **Barlow, Z.\***, Abdel-Rahim, A., Belz, N., Boyle, L., & Hajibabai, L. (2016) Mitigation of Lane Departure Crashes in the Pacific Northwest through Coordinated Outreach (Phase I). Pacific Northwest Transportation Consortium (PacTrans), Seattle, WA, 31p. [[Link](#)]
47. **Hurwitz, D.**, Boyle, L., Abdel-Rahim, A., Bham, G., & Cofer, W. (2015) Educating Teenage Drivers in the Pacific Northwest Regarding the Dangers of Distracted Driving - Phase II. Pacific Northwest Transportation Consortium (PacTrans), Seattle, WA, 29p. [[Link](#)]
48. **Hurwitz, D.** & Brown, S. (2015) Collaborative Research: Mental Models of Students and Practitioners in the Development of an Authentic Assessment Instrument for Traffic Signal Engineering. National Science Foundation (NSF), Washington, D.C.
49. **Hurwitz, D.**, **Jannat, M.\***, **Warner, J.\***, Monsere, C., & Razmpa, A. (2015) Towards Effective Design Treatment for Right-Turns at Intersections with Bicycle Traffic. Oregon Department of Transportation (ODOT), Salem, OR, 211p. [[Link](#)]
50. **Hurwitz, D.**, Olsen, M., & **Neil, J.\*** (2015) Alternative Information Signs: An Evaluation of Driver Comprehension and visual Attention. Pacific Northwest Transportation Consortium (PacTrans) and Travel Oregon, Seattle, WA, 75p. [[Link](#)]
51. **Hurwitz, D.**, Boyle, L., Abdel-Rahim, A. & Brown, S. (2014) Educating Teenage Drivers in the Pacific Northwest Regarding the dangers of Distracted Driving - Phase I. Pacific Northwest Transportation Consortium (PacTrans), Seattle, WA, 20p. [[Link](#)]
52. **Hurwitz, D.**, Olsen, M., **Marnell, P.\***, & **Mahmoudabadi, H.** (2013) Rendering of Dense, Point Cloud Data in a High Fidelity Driving Simulator. Pacific Northwest Transportation Consortium (PacTrans), Seattle, WA, 26p. [[Link](#)]
53. **Hurwitz D.** (2013) An Activity-Based Learning Module for Human Factors in the Introductory Transportation Engineering Course. Oregon Transportation Research and Education Consortium (OTREC), OTREC-ED-13-03, Portland, OR, 8p. [[Link](#)]
54. **Hurwitz D.** (2013) Transportation Educators Conference: Advancement of the National Curriculum Project. National Science Foundation (NSF), Washington, D.C.
55. **Hurwitz D.**, Monsere, M., **Tuss, H.\***, Paulsen, K. & **Marnell, P.\*** (2013) Improved Pedestrian Safety at Signalized Intersections Operating the Flashing Yellow Arrow. Oregon Transportation Research and Education Consortium (OTREC), OTREC-RR-13-02, Portland, OR. 66p. [[Link](#)]
56. Olsen, J., Roe, G., Glennie, C., Persi, F., Reedy, M., **Hurwitz, D.**, **Williams, K.**, **Tuss, H.\***, Sequellati, A., & Knodler, M. (2013) Final Report 748 Guidelines for the Use of Mobile LIDAR in Transportation Applications. National Cooperative Highway Research Program, Washington, D.C, 194p. [[Link](#)]
57. **Moore, D.\*** & **Hurwitz, D.** (2012) Analysis of the SCATS System on U.S. 97 and OR 126 in Bend and Redmond. Kittelson & Associates, Inc., Portland, OR, 117p.
58. **Moore, D.\***, **Tuss, H.\***, **Swake, J.\***, **Talley, I.\***, & **Hurwitz, D.** (2012) Analysis of the INSYNC System on NE Cornell Road. Kittelson & Associates, Inc., Portland, OR, 77p.
59. Knodler, M., & **Hurwitz, D.** (2008) Dilemma Zone Issues at High-speed Signalized Intersections. Vermont Agency of Transportation, Montpelier, VT, 55p. [[Link](#)]



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60. Knodler, M. & **Hurwitz, D.** (2008) UMass Amherst Summer Transportation Institute Final Report. Massachusetts Executive Office of Transportation and Public Works, Boston, MA.
61. Knodler, M. & **Hurwitz, D.** (2008) "Demonstration and Evaluation of Rational Speed Limits Project Report (Supplemental)," Federal Highway Administration, Washington D.C.
62. Fisher, D., **Hurwitz, D.**, Pradhan, A., & Knodler, M. (2008) "Impact of Rear Mounted Camera on Backing Collisions," The Center for Injury Research and Prevention at the Children's Hospital of Philadelphia, Philadelphia, PA.
63. Hymoff, C., Knodler, M., **Hurwitz, D.**, & Rothenberg, H. (2007) "Rational Speed Limit Demonstration Project," Massachusetts Governor's Highway Safety Bureau and Federal Highway Special Administration, Washington, D.C.

**Industry Publications**

1. Wyman, A. & **Hurwitz, D.** (2022) "Oregon State University's Summer Transportation Institute" Institute of Transportation Engineers ITE Spotlight, April 13, 2022 [[Link](#)]
2. **Hurwitz, D.** (2021) "Engagement and commitment are hallmarks of transportation engineering course at Oregon State University" ASCE Civil Engineering the Magazine of the American Society of Civil Engineers. March/April, [[Link](#)]
3. **Hurwitz, D.** (2021) "Reflections on the importance of ITE Student Chapters and the potential impact of Student Chapter Advisors on the future of the Institute" *ITE Western District, Student Endowment Fund*: March/April [[Link](#)]
4. **Hurwitz, D.** & Savolainen, P. (2021) "ITE Transportation Education Council," *ITE Journal*. January, 34-35. [[Link](#)]
5. **Hurwitz, D.** & Savolainen, P. (2020) Transportation Education Council Chapter in "2020 ITE Developing Trends A Thought Leadership Report by the Coordinating Council of the Institute of Transportation Engineers," ITE, Washington, D.C., 41p. [[Link](#)]

**Other Publications**

1. Woodside, J., Wyman, A., **Hurwitz, D.**, & Bertini, R. (2021) "As We See It: Bike-ped safety a Community Effort" *Corvallis Gazette-Times*. April 11, 2021. [[Link](#)]

**PRESENTATIONS**

**Conferences and Professional Organizations**

1. **Invited (co-presented with Logan Scott-Deeter)**, Oregon Department of Transportation - Analysis Procedures Manual User Group Meeting, Truck Access into Roundabouts Research, October 9, 2024.
2. **Invited**, International Conference on Smart Traffic Control and Safety in Metropolitan Regions at Changan University in Xian, China, Opportunities to Improve Heavy Vehicle Operations at Congested Roundabouts, Oregon, Aug 1, 2024.
3. **Invited**, International Traffic Signal Control Conference at Sichuan Police College, Sichuan, Chengdu, China, Evaluation of a Dynamic Pedestrian Call Cancellation and Extension Pilot at a Signalized Mid-block Crossing in Washington County, Oregon, July 29, 2024.
4. **Invited**, ITE Transportation Educators Workshop, Philadelphia, Introduction and Overview, PA, July 20, 2024
5. **Invited (co-presented with Sirisha Kothuri)**, Northwest Transportation Conference at Oregon State University in Corvallis, OR, The Impacts of Intersection Treatments and Traffic Characteristics on Bicycle Safety, March 5, 2024.

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6. **Invited Panel Member**, Evaluation: Where research and Policy Meet, International Cycling Safety Conference (ICSC), The Hague, The Netherlands, November 16, 2023.
7. **Invited**, Traffic Safety and Operations Research in Oregon, WTS luncheon speaker, Salem, OR, November 23, 2023.
8. **Invited**, Research on Infrastructure to Support Pedestrian Road Crossing, National Committee on Uniform Traffic Control Devices (NCUTCD) Pedestrian Join Task Force (PJTF), Virtual Meeting, October 19, 2023.
9. **Invited (co-presented with Logan Scott-Deeter)**, Commercial Motor Vehicle Operations at Roundabouts Under Congested Conditions: Field and Laboratory Evaluations, ODOT/ACEC Partnering Conference, Salem, OR, May 23, 2023.
10. **Keynote Address**, 88<sup>th</sup> Annual Pacific Northwest Section of ASEE Conferenced, Advancing Engineering Education with Sustained Professional Development and Collaborative Research, Gonzaga University, Spokane, WA, April 6, 2023.
11. **Invited**, Safer Symposium, *Driving and Bicycling Research Laboratory*, University at University of Puerto Rico Mayaguez in Mayaguez, Puerto Rico, February 19, 2023.
12. **Invited (co-presented with Sirisha Kothuri and Amy Wyman)**, ODOT Traffic – Roadway – Access Management (TRAM) Conference, *ODOT SPR 840 & Dynamic Pedestrian Extension and Cancellation Systems*, Salem, OR, November 9, 2022.
13. **Invited**, Technical Information Exchange, Innovations for Future Transportation Systems: Planning, Operations, and Safety, *Safety Evaluation of Novel Intersection Treatments in a Bicycling Simulator*, Washington, D.C., January 12, 2022.
14. **Invited**, Informando Sobre el Incremento de Muertos y Heridas Graves en Oregon por Conductores y Peatones de Mayor Edad: Un Método Transferible, International Road Federation Vision Zero for Latin America, May 20, 2021.
15. **Invited**, Statewide Signal Timer’s Meeting, PPRT with FYA Research Results, April 22, 2021
16. **Invited**, Oregon Traffic Control Devices Committee, *National Transportation Infrastructure Conversations*, March 19<sup>th</sup>, 2021.
17. **Invited**, ITE Western District Student Leadership Summit, Human-in-the-loop Simulation Research at Oregon State University, Virtual, January 17, 2021.
18. **Invited**, Oregon UAS Summit, *UAS and Driver Distraction*, Virtual, October 27, 2020.
19. **Invited (co-presented with Chris Monsere)**, Oregon Traffic Control Devices Committee, *Results sharing of NCHRP 20-07*, January 17<sup>th</sup>, 2020.
20. **Invited**, Oregon ITE Luncheon in Portland, OR, *Evaluation of Innovative Pedestrian and Bicycle Infrastructure through Research*, October 24, 2019.
21. **Invited**, Association of Pedestrian and Bicycle Professionals Annual Meeting, Portland, OR, *Evaluation of Innovative Pedestrian and Bicycle Infrastructure through Research*, August 27, 2019.
22. **Invited**, Keynote Address, 2019 New Student Convocation, Oregon State University, Corvallis, OR, September 24, 2019. (Approximately 3,500 audience members in-person)
23. **Invited**, APWA Oregon Chapter, Portland, OR, *Promoting Safer Intersections and Roadways Through the Evaluation of Protected/Permitted Right Turns and Quieter Shoulder Rumble Strips in Oregon*, May 21, 2019.
24. **Invited**, APWA Oregon Chapter, Eugene, OR, *Promoting Safer Intersections and Roadways Through the Evaluation of Protected/Permitted Right Turns and Quieter Shoulder Rumble Strips in Oregon*, February 20, 2019.
25. **Invited**, PacTrans Annual Meeting, Fairbanks, AK, *Can Drone Operations Near Roadways Contribute to Driver Distraction?*, October 12, 2018.

26. **Invited (co-presented with Chris Monsere)**, Oregon Traffic Control Devices Committee Meeting, Salem OR, *Improved Safety and Efficiency of Protected/Permitted Right Turns in Oregon*, July 20, 2018.
27. **Invited (co-presented with Masoud Ghodrat Abadi)**, 3<sup>rd</sup> Transportation Engineering Education Workshop at Auburn University, Auburn, AL, *Investigation of Context Across Engineering Domains: Bridging the Eye-Mind Divide*, May 22-23, 2018.
28. **Invited**, Mid-Continent Transportation Research Symposium at Iowa State University, Ames, IA, *Evaluation of Red Clearance Extension Designs with Hardware-in-the-Loop Simulation*, August 16-17, 2017.
29. **Invited**, 17<sup>th</sup> COTA International Conference of Transportation Professionals CICTP 2017 at Tongji University, Shanghai, China, *Improved Driver Responses with Green and Red Signal Countdown Timers*, July 7-9, 2017.
30. **Invited**, OSU ASCE Student Chapter Speaker Meeting, Corvallis, OR, *Causal Factors of Right-Hook Crashes in Oregon*, February 16, 2016.
31. **Invited**, Innovative Methods in Transportation Education Workshop at the TRB in Washington D.C. *Incorporating Mental Models of Students and Practitioners in the Development of Assessment Instruments*, January 10, 2016.
32. **Invited**, Work Zone Executive Strategy Session in Salem, OR, *Work Zone Safety Research*, December 7, 2015.
33. **Invited**, Walking and Bicycling Issues Subgroup of the Traffic Operations Leadership Team in Salem, OR, *Towards the Mitigation of Right-Hook Crashes at Signalized Intersections in Oregon*, November 17, 2015.
34. **Invited**, Symposium on Creative Transportation Engineering Education at Beijing University of Technology in Beijing, China, *Transportation Engineering Curriculum and Instructional Practices: An Analytic Review of the Literature*, August 1, 2015.
35. **Invited**, 15<sup>th</sup> COTA International Conference of Transportation Professionals CICTP 2015 at Beijing Jiaotong University in Beijing, China, *Driving Simulator Evaluation of Alternative Information Signs in Oregon*, July 27, 2015
36. **Invited**, ExCEED Teaching Workshop at Florida Gulf Coast University in Fort Myers, FL, *Making ExCEED Work at Oregon State University*, July 26, 2015.
37. **Invited**, OSU Gerontology Conference in Corvallis, OR, *Driving Simulation as an Experimental Mechanism to Study Older Drivers*, April 3, 2015. *(Participant Feedback: 4.75/5 Quality of Content, 5/5 Relevance of Content, and 4.88/5 Quality of Presentation)*
38. **Invited**, Oregon ITE Luncheon in Portland, OR, *Driver Response to Countdown Timers*, October 16, 2014.
39. **Invited**, Oregon Transportation Summit in Portland, OR, *Driver Related Causal Factors for Right Hook Crashes*, September 15, 2014.
40. **Invited**, ExCEED Teaching Workshop at United States Military Academy in West Point, NY, *Making ExCEED Work at Oregon State University*, July 25, 2014.
41. **Invited**, ExCEED Teaching Workshop at Florida Gulf Coast University in Fort Myers, FL, *Making ExCEED Work at Oregon State University*, July 26, 2013.
42. **Invited**, ITE District 1 Annual Meeting in Northampton, MA, *Integration of Professional Practice into Undergraduate Transportation Curriculum*, May 22, 2013.
43. **Invited**, Oregon ITE Winter Technical Workshop ODOT Region 1 Offices in Portland, OR, *Driver Glance Patterns in Response to Concurrent Pedestrians during PPLT Phasing*, February 6, 2013.
44. **Invited**, Oregon Transportation Summit in Portland, OR, *Driving and Bicycling Simulator Research at OSU*, September 9, 2011.

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45. **Invited**, TransPort Technical Advisory Committee Meeting at ODOT Region 1 in Portland, OR, OSU Driving and Bicycling Simulator: Infrastructure & Active Research, August 10, 2011.
46. **Invited**, Educating Transportation Engineers Workshop at the TRB 90<sup>th</sup> Annual Meeting in Washington D.C., Behavior and Human Factors in the Introduction to Transportation Class, January 23, 2011.
47. **Invited**, Northwest Transportation Conference at Oregon State University in Corvallis, OR, The Role of Rational Speed Limits in Traffic Calming, February 10, 2010.
48. **Invited**, ITE District 1 Annual Meeting in Providence, RI, The relationship between Traffic Calming and Rational Speed Limits, May 2007.
49. **Invited**, New England ITE Section Annual Meeting in Warwick, RI, Evaluation of the Driver Speed Perception and Selection Processes, December 2005.

**Webinars**

1. **Invited**, ODOT Fall Forum (150 site logins), Breakout Session: Research to Reality-Innovating Transportation, October 2, 2024
2. **Invited (co-presented with Chris Schwarz & Patricia Tice)**, TRB Webinar (272 site logins), Can You See Me? Testing Pedestrian and Bicycle Conspicuity Assumptions, September 14, 2023.
3. **Invited**, iMotions, Path to Publication webinar #4: Transportation Simulators with Dr. Hurwitz, September 27, 2022.
4. **Invited (co-presented with Hisham Jashami)**, PBOT SSL, Passive Bicycle Detection: A Case Study of Two Sensor Systems in Portland, Oregon, August 18, 2022.
5. **Invited**, Joint OSU ITE Student Chapter and UPRM ITE Student Chapter Meeting, Virtual Panel Discussion on Transportation Research with Professor, February 18, 2021.
6. **Invited**, National Webinar (62 site logins), hosted by the Institute of Transportation Engineers (ITE), Transportation Career Paths and Opportunities, May 19, 2020.
7. **Invited (co-presented with Chris Monsere)**, National Webinar (214 site logins) hosted by the UNC Highway Safety Research Center, Driver Response at Signalized Intersections Operating the Flashing Yellow Arrow: Results from a Driving Simulator Experiment, October 25, 2018.
8. **Invited (co-presented with John Gambatese)**, National Webinar (427 views in first month) hosted by the National Cooperative Highway Research Program, Transportation Worker Safety Program Resources and Practices, September 26, 2017.
9. **Invited**, National Webinar (270 site logins) hosted by OTREC in Portland, OR, Driver Behavior in the Presence of Pedestrians at Signalized Intersections Operating the FYA, May 7, 2013.

**Seminars and Presentations**

1. **Invited**, ODOT Safety and Mobility Policy Advisory Committee (SMPAC), Truck Access to Roundabouts, August 23, 2023.
2. **Keynote Address**, ARCS Foundation Annual Garden Party, Positive outcomes from ARCS Fellowships at OSU. Corvallis, OR, July 29, 2023.
3. **Keynote Address**, ARCS Foundation Major Donors Event, Importance of Transportation Research in Higher Education as a Force for Good. Portland, OR, November 8, 2022.
4. **Invited**, Future Connected and Automated Vehicles and Implications for Vulnerable Road Users at Loughborough University, UK, Research on Vulnerable Road User Interactions with Infrastructure and Automated Vehicles in Oregon, September 7, 2022.
5. **Invited**, Civil and Environmental Engineering Seminar Series at Michigan State University in Lansing, MI, UAS Operations Near Roadways: A Dynamic Roadside Distraction and Possible Mitigation, February 25, 2022.

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6. **Invited**, Role of an ITE Student Chapter Advisor, ITE Western District Board Meeting, January, 21, 2022.
7. **Invited (co-presented with Chris Monsere & Sirisha Kothuri)**, Transportation Seminar Series at Portland State University in Portland, OR, Bicycle Detection Confirmation Devices, October 08, 2021.
8. **Invited**, ISE Special Distinguished Research Seminar, University at Buffalo, April 1, 2021.
9. **Invited**, Transportation Operations and Safety Research at Oregon State University at University of Puerto Rico Mayaguez in Mayaguez, Puerto Rico, November 21, 2019.
10. **Invited**, Transportation Operations and Safety Research at Oregon State University at Tongji University in Shanghai, China, September 09, 2019.
11. **Invited**, Round Table Discussion with Congressman Peter DeFazio, School of Planning, Public Policy and Management at University of Oregon in Eugene, OR, April 22, 2019.
12. **Invited**, School of Civil and Environmental Engineering IAB Meeting at Oregon State University in Corvallis, OR, Transportation Safety Research at Oregon State University, April 12, 2019.
13. **Invited**, Civil and Environmental Engineering Seminar Series at Michigan State University in Lansing, MI, Evaluations of Protected/Permitted Right Turns and Quieter Shoulder Rumble Strips, March 18, 2019.
14. **Invited (co-presented with Chris Monsere)**, Transportation Seminar Series at Portland State University in Portland, OR, Improved Safety and Efficiency of Protected/Permitted Right Turns in Oregon, November 26, 2018.
15. **Invited**, Lunch Presentation on Connected Signals in Eugene, OR, Consideration of Traffic Signal Countdown Timers, November 22, 2017.
16. **Invited (co-presented with Chris Monsere)**, Transportation Seminar Series at Portland State University in Portland, OR, Towards the Mitigation of Right-Hook Crashes at Signalized Intersections in Oregon, February 5, 2016.
17. **Invited**, Faculty Research Presentations to for the COE Alumni Fellow at Oregon State University, Corvallis, OR, Transportation Operations and Safety Research, October 23, 2015.
18. **Invited**, Seminar at Kittelson & Associates, Inc. in Portland, OR, Transportation Engineering at Oregon State University, April 22, 2014.
19. **Invited**, Transportation Seminar Series at Washington State University in Pullman, WA, Fuzzy Logic to Model the Dilemma Zone at High-Speed Signalized Intersections, March 26, 2012.
20. **Invited**, Guest lecture - Intro to transportation at Washington State University in Pullman, WA, Driver Behavior at Signalized Intersections, March 26, 2012.
21. **Invited**, Seminar at Kittelson & Associates, Inc. in Portland, OR, OSU Driving and Bicycling Simulator: Infrastructure & Active Research, August 10, 2011.
22. **Invited**, Transportation Seminar Series at Portland State University in Portland, OR, Driver Behavior and the Dilemma Zone at High-Speed Signalized Intersections, April 2, 2010.
23. **Invited**, Transportation Seminar Series at the University of Massachusetts Amherst in Amherst, MA, Introduction to Intersection Modeling, October 2005.

**Participation at Invitational Workshops**

1. **Presenter**, Innovative Methods in Transpo. Edu. Workshop, Washington, D.C., January 10, 2016.
2. **Presenter**, Symposium on Creative Transportation Engin. Edu., Beijing, China, August 1, 2015.
3. **Attendee**, Post Summit Workshop of CICTP, COTA, Chengdu, China, July 29, 2015.
4. **Attendee**, TUES Program PI Conference, NSF, Washington, D.C., January 23-24, 2013.
5. **OTREC Delegate**, ITS JPO Strategic Research Plan Univ. Workshop, Washington, D.C., April 2010.
6. **Attendee**, Transpo. Educators Conference, NIATT & OTREC, Portland, OR, June 22-24, 2009.

**EXTERNAL SUPPORT**

**Current**

1. **Hurwitz, D.** Oregon Department of Transportation (ODOT) “Digital Alert Technology Analysis” 10/01/2024 to 09/30/2025, \$249,999 (Total); \$150,000 (Hurwitz)
2. **Hurwitz, D.** Oregon Department of Transportation (ODOT) “Engineering Safety Short Courses and Distance Learning” 10/01/2024 to 09/30/2025, \$249,999 (Total); \$249,999 (Hurwitz)
3. **Hurwitz, D.** Oregon Department of Transportation (ODOT) “Safety Features for Local Roads and Streets” 10/01/2024 to 09/30/2025, \$175,000 (Total); \$175,000 (Hurwitz)
4. Jashami, H. (PI) & **Hurwitz D.** (co-PI) Crash Safety Research Center (CSRC) Toyota North America “Evaluation of an In-Vehicle Human Machine Interface to Mitigate Dilemma Zone Conflicts” 10/01/2024 to 02/30/2025, \$70,000 (Total); \$20,000 (Hurwitz)
5. Gambatese, J., **Hurwitz, D.**, Nnaji, C., Geedipally, S., Ullman, J. NCHRP 17-107 “Guide for Work Zone Intrusion Prediction and Prevention” 05/01/2023 to 12/31/2026, \$600,000 (Total); \$110,437 (Hurwitz)
6. Ryan, A. & **Hurwitz, D.** American Automobile Association Foundation for Traffic Safety (AAA FTS) A Thoughtful Approach to the Integration of Equity in Traffic Safety 11/01/2023 to 04/30/2025, \$461,314 (Total); \$205,000 (Hurwitz)
7. **Hurwitz, D.** Oregon Department of Transportation (ODOT) “Linking Oregon Driver Records and Crash Data to Evaluate Interventions and Mitigate Driver Risk” 10/01/2023 to 06/30/2025, \$185,000 (Total); \$185,000 (Hurwitz)
8. **Hurwitz, D.** (Washington County) Research Collaboration with OSU & Washington County 11/01/2023 to 03/30/2025, \$100,000 (Total); \$100,000 (Hurwitz)
9. **Hurwitz, D.**, Monsere, C., Kothuri, S. Oregon Department of Transportation (ODOT) “Developing Guidance on Leading Pedestrian Intervals and Curb Extensions to Improve Pedestrian Safety at Signalized Intersections” 09/01/2023 to 04/30/2026, \$210,000 (Total); \$120,000 (Hurwitz)
10. Noyce, D., Chitturi, M., Knodler, M., Christofa, E., **Hurwitz, D.**, Koonce, P., Cobb, D., Miller, R. NCHRP 17-106 “Motorist Behavior and Safety Impacts on Bicyclists from Centerline and Shoulder Rumble Strips on High-Speed Two-Lane Highways” 01/01/2023 to 06/30/2025, \$400,000 (Total); \$94,840 (Hurwitz)
11. **Hurwitz, D.** Oregon Department of Transportation (ODOT) “Signal-Controller-In-The-Loop Simulation for Testing and Deploying Advanced Signal Operations on Arterial Roadways,” 10/01/2022 to 11/30/2024; \$215,000 (Total); \$215,000 (Hurwitz)
12. Miller, S., **Hurwitz D.** NHTSA “Additional Considerations for Making ADS Vehicles Accessible for All Road Users” 09/01/21 to 9/30/24, \$430,000 (Total); \$227,538 (Hurwitz)
13. Gambatese, J. (PI) & **Hurwitz, D.** (co-PI) MJ Murdock Charitable Trust. “Virtual Construction and Transportation Safety Laboratory” 01/01/2021 to 12/31/2026, \$392,826 (Total); \$196,500 (Hurwitz)

**Completed**

1. **Hurwitz, D.** PBOT “OSU-PBOT Research Collaboration” 04/01/2022 to 12/30/2024; \$110,000 (Total); \$110,000 (Hurwitz)
2. **Hurwitz, D.** Oregon Department of Transportation (ODOT) “Engineering Safety Short Courses and Distance Learning” 10/01/2023 to 09/30/2024, \$250,000 (Total); \$250,000 (Hurwitz)
3. **Hurwitz, D.** Oregon Department of Transportation (ODOT) “Safety Features for Local Roads and Streets” 10/01/2023 to 09/30/2024, \$175,000 (Total); \$175,000 (Hurwitz)
4. **Hurwitz, D.** (PI) & Law, C. ODOT & FHWA “National Summer Transportation Institute 2024” 01/01/2024 to 09/30/2024, \$49,999 (Total); \$34,257 (Hurwitz)

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5. Brodie, S., Sanders, R., & **Hurwitz, D.** NCHRP 17-97 (Sub to Toole) Strategies to Improve Pedestrian Safety at Night” 09/01/2021 to 08/31/2024, \$500,000 (Total); \$80,000 (Hurwitz)
6. Fink, C. (PI), Monsere, C., Kothuri, S., & **Hurwitz, D.** National Cooperative Highway Research Program (NCHRP). “Design Options to Reduce Turning Motor Vehicle – Bicycle Conflicts at Controlled Intersections” 10/02/2020 to 06/03/2024, \$600,000 (Total); \$90,000 (Hurwitz)
7. **Hurwitz, D.** (PI) & Hernandez, S. Oregon Department of Transportation (ODOT) “Truck Access into Roundabouts” 01/01/2022 to 10/31/2023, \$336,000 (Total); \$174,754 (Hurwitz)
8. **Hurwitz, D.** Oregon Department of Transportation (ODOT) “Safety and User Perceptions of Auxiliary Bicycle Lanes” 09/01/2022 to 02/28/2024, \$50,000 (Total); \$50,000 (Hurwitz)
9. **Hurwitz, D.** (PI) & Monsere, C. Oregon Department of Transportation (ODOT) “Removing Residual Lane Markings to Reduce Driver Confusion – Best Practice,” 09/01/2021 to 09/30/2024; \$210,000 (Total); \$120,000 (Hurwitz)
10. **Hurwitz, D.** Oregon Department of Transportation (ODOT) “Safety Features for Local Roads and Streets” 05/15/2024 to 09/30/2024, \$150,000 (Total); \$150,000 (Hurwitz)
11. **Hurwitz, D.** (PI) & Law, C. ODOT & FHWA “National Summer Transportation Institute 2023” 01/01/2023 to 12/31/2023, \$49,683 (Total); \$34,254 (Hurwitz)
12. Wang, Y. (PI), Makenzie, D., Ban, J., & **Hurwitz, D.** United States Department of Transportation (USDOT). Regional University Transportation Center Proposal for Region 10” 09/21/2016 to 09/30/2023, Up to \$14,350,000 (Total) + CR for a 6<sup>th</sup> year
13. **Hurwitz, D.** (PI), Funk, K., and Macuga, K., Sub to ToXcel. National Highway Traffic Safety Administration (NHTSA). “Human Factors ID/IQ” 09/01/2018 to 08/31/2023
14. **Hurwitz, D.** Pacific Northwest Transportation Consortium (PacTrans). “Region 10 Mobility UTC – OSU Administration Yr 6,” 01/01/2022 to 06/30/2023, \$91,670 (Total); \$91,670 (Hurwitz)
15. Miller, S., Maisel, J., Brinkley, J., Gilbert, J., **Hurwitz, D.**, Macuga, K., Hunter-Zaworski, K. National Highway Traffic Safety Administration (NHTSA). “Vulnerable and Disabled Road Users: Considerations Inside and Outside the Vehicle” 09/26/2019 to 01/25/22, \$1,855,934 (Total); \$438,017 (Hurwitz)
16. Goodchild, A., McCormack, E., **Hurwitz, D.**, & Ranjbari, A. Pacific Northwest Transportation Consortium (PacTrans) “Insights from Driver Parking Decisions in a Truck Simulator to Inform Curb Management Decisions” 06/15/2021 to 12/31/2022, \$180,000 (Total); \$100,000 (Hurwitz)
17. **Hurwitz, D.** (PI), Chang, K., & Young, R. Pacific Northwest Transportation Consortium (PacTrans). “Evaluation of the Idaho Stop Laws in the Pacific Northwest” 08/15/2020 to 08/14/2022, \$180,000 (Total); \$90,000 (Hurwitz)
18. Noyce, D. (PI), Knodler, M., **Hurwitz, D.**, and Brehmer, C. National Cooperative Highway Research Program (NCHRP). “NCHRP 03-125: Evaluation of Change and Clearance Intervals Prior to the Flashing Yellow Arrow Permissive Left-Turn Indication,” 06/01/2017 to 09/30/2022, \$300,000 (Total); \$46,500 (Hurwitz)
19. **Hurwitz, D.** (PI) & Law, D. ODOT & FHWA “National Summer Transportation Institute 2022” 01/01/2022 to 09/30/2022, \$49,683 (Total); \$33,815 (Hurwitz)
20. **Hurwitz, D.** (PI) & Monsere, C. (co-PI) Oregon Department of Transportation (ODOT). “Safest Placement for Crosswalks at Intersections” 09/01/2020 to 08/30/2022, \$210,000 (Total); \$120,000 (Hurwitz)
21. **Hurwitz, D.** (PI) Portland Bureau of Transportation. “Portland Bikeways Evaluation” 11/01/2020 to 12/30/2022, \$80,000 (Total); \$80,000 (Hurwitz)
22. **Hurwitz, D.** Pacific Northwest Transportation Consortium (PacTrans). “Region 10 Mobility UTC – OSU Administration Yr 5,” 09/16/2021 to 09/15/2022, \$91,670 (Total); \$91,670 (Hurwitz)
23. **Hurwitz, D.** Pacific Northwest Transportation Consortium (PacTrans). “Region 10 Mobility UTC – OSU Administration Yr 4,” 09/16/2020 to 09/15/2021, \$91,670 (Total); \$91,670 (Hurwitz)

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24. Smaglik, E. (PI), Russo, B., & **Hurwitz, D.** (Co-PI) Oregon Department of Transportation (ODOT). "Automated Detection of Traffic Sensor Malfunctions" 01/01/2020 to 12/31/2021, \$150,000 (Total); \$32,000 (Hurwitz)
25. Russo, B. (PI), Smaglik, E., Kothuri, S., & **Hurwitz, D.** (Co-PI) Oregon Department of Transportation (ODOT). "Impacts of Intersection Treatments and Traffic Characteristics on Bicyclist Safety" 01/01/2020 to 10/31/2021, \$150,000 (Total); \$47,500 (Hurwitz)
26. **Hurwitz, D.** (Washington County). "Forming a research collaboration with Washington County," 01/01/2019 to 12/30/2021, \$145,000 (Total); \$145,000 (Hurwitz)
27. **Hurwitz, D.** ODOT & FHWA "2021 National Summer Transportation Institute" 01/01/2021 to 09/30/2021, \$48,499 (Total); \$48,499 (Hurwitz)
28. Wang, H. (PI), **Hurwitz, D.**, and Belz, N. Pacific Northwest Transportation Consortium (PacTrans). "Micro-Mobility Promises and Challenges in the Pacific Northwest" 09/16/2019 to 09/15/2020, \$180,000 (Total); \$45,000 (Hurwitz)
29. **Hurwitz, D.** (PI), Hernandez, S. (co-PI) Oregon Department of Transportation (ODOT). "Preliminary Investigation of Heavy Vehicle Parking Design in Oregon Rest Areas" 11/01/2020 to 03/30/2020, \$40,000 (Total); \$20,000 (Hurwitz)
30. Monsere, C. (co-PI) & **Hurwitz, D.** (co-PI) Oregon Department of Transportation (ODOT). "Updating the Highway Safety Investigation Manual for the Oregon Department of Transportation" 06/01/2020 to 06/30/2021, \$96,252 (Total); \$47,525 (Hurwitz)
31. Schlossberg, M (PI), Fickas, S. (co-PI), & **Hurwitz, D.** (co-PI) National Science Foundation (NSF). "Meeting COVID and Household Affordability Challenges through Flex Streets and Dynamic Bicycle Transportation Infrastructure" 01/15/2021 to 6/30/2021, \$50,000 (Total); \$10,000 (Hurwitz)
32. Gambatese, J. (PI) & **Hurwitz, D.** (Co-PI) Oregon Department of Transportation (ODOT). "Use of Flashing Amber/White Lights on Paving Equipment in Work Zones" 06/15/2019 to 04/30/2021, \$110,720 (Total); \$54,047 (Hurwitz)
33. Monsere, C. (PI), Kothuri, S., & **Hurwitz, D.** (Co-PI) Oregon Department of Transportation (ODOT). "Bicycle Feedback Detection Device and the Accompanying Sign" Total," 09/01/2018 to 12/31/2020, \$165,000 (Total); \$81,000 (Hurwitz)
34. **Hurwitz, D.** (PI) Pacific Northwest Transportation Center (PacTrans). "Advancement of a Heavy Vehicle Driving Simulator" 03/01/2020 to 11/30/2020, \$10,000 (Total); \$10,000 (Hurwitz)
35. **Hurwitz, D.** (PI) and C. Federal Highway Administration (FHWA). "OSU Summer Transportation Institute 2020" 03/01/2020 to 09/30/2020, \$47,500.50 (Total); \$47,500.50 (Hurwitz)
36. **Hurwitz, D.** Pacific Northwest Transportation Consortium (PacTrans). "Region 10 Mobility UTC – OSU Administration Yr 3," 09/16/2019 to 09/15/2020, \$91,670 (Total); \$91,670 (Hurwitz)
37. Monsere, C. (PI), Kothuri, S., & **Hurwitz, D.** (Co-PI) Oregon Department of Transportation (ODOT). "Reversing Oregon's Rise in Deaths and Serious Injuries for Senior Drivers and Pedestrians," 09/01/2018 to 03/31/2020, \$175,000 (Total); \$77,000 (Hurwitz)
38. **Hurwitz, D.** (PI) Pacific Northwest Transportation Consortium (PacTrans). "Region 10 Mobility UTC – OSU Administration Yr 2," 09/16/2018 to 09/15/2020, \$59,170 (Total); \$59,170 (Hurwitz)
39. MaCormack, E. (PI @ UW), Goodchild, A. (Co-PI @ UW), & **Hurwitz, D.** (Co-PI), Pacific Northwest Transportation Consortium (PacTrans). "Developing Design Guidelines for Commercial Vehicle Envelopes on Urban Streets," 09/16/2017 to 02/15/2020, \$180,000 (Total); \$90,000 (Hurwitz)
40. Abdel-Rahim (PI), A., **Hurwitz, D.** (Co-PI), Ban, J., Connor, B., & Hajbabaie, A., Pacific Northwest Transportation Center (PacTrans). "Characterization of Underserved Population Perceptions and Mobility Needs in Connected-Vehicle and Smarter City Environments – Phase I & II," 09/16/2017 to 09/15/2019, \$350,000 (Total); \$65,000 (Hurwitz)



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41. **Hurwitz, D.** (Philanthropic Gift). Neil Nightingale Memorial Driving Simulator Fund. 2019 \$100,000 (Total); \$95,000 (Hurwitz)
42. Monsere, C (PI). Kothuri, S., **Hurwitz, D.**, & Fink, C. National Cooperative Highway Research Program (NCHRP). "NCHRP Project 20-07, Research for AASHTO Standing Committee on Highways Task 420: Road User Understanding of Bicycle Signal Faces on Traffic Signals," 10/11/2018 to 11/05/2019, \$100,000 (Total); \$21,000 (Hurwitz)
43. **Hurwitz, D.** (PI) Pacific Northwest Transportation Consortium (PacTrans). "Region 10 Mobility UTC – OSU Administration Yr 1," 09/16/2017 to 09/15/2019, \$59,170 (Total); \$59,170 (Hurwitz)
44. Parrish, C. (PI), **Hurwitz, D.** Sorour, S., Abdel-Rahim, A. Pacific Northwest Transportation Consortium (PacTrans). "Airborne LIDAR Scanning and Deep Learning System for Real-Time Event Extraction and Control Policies in Urban Transportation Networks," 09/16/2017 to 09/15/2019, \$180,000 (Total) \$20,000 (Hurwitz)
45. **Hurwitz, D.** (PI), Brown, S. (Co-PI @ OSU), and Cox, D. National Science Foundation (NSF). "Investigation of Context Across Engineering Domains: Bridging the Eye-Mind Divide," 10/01/2015 to 09/30/2019, \$300,000 (Total); \$185,500 (Hurwitz)
46. Gambatese, J. (PI) & **Hurwitz, D.** (Co-PI) Oregon Department of Transportation (ODOT). "Use of Blue Lights on Paving Equipment in Work Zones" 06/01/2018 to 12/30/2018, \$102,970 (Total); \$48,956 (Hurwitz)
47. **Hurwitz, D.** Oregon Department of Transportation (ODOT). "Quantifying the Performance of Low-noise Transverse Rumble Strips" 07/01/2018 to 12/30/2018, \$15,000 (Total); \$15,000 (Hurwitz)
48. **Hurwitz, D.** (PI) and Monsere, C. Oregon Department of Transportation (ODOT). "Quantifying the Performance of Low-Noise Rumble Strips," 03/01/2017 to 12/30/2018, \$180,000 (Total); \$110,000 (Hurwitz)
49. **Hurwitz, D.** Pacific Northwest Transportation Center (PacTrans). "Bicycle Simulator Calibration: Development and Dissemination of a Proposed Framework" 04/01/2018 to 09/15/2018, \$10,000 (Total); \$10,000 (Hurwitz)
50. Chang, K. (PI), Lowry, M., and **Hurwitz, D.** (Co-PI) Pacific Northwest Transportation Consortium (PacTrans). "Streamlining the Crash Reporting Process in the Pacific Northwest" 12/15/2016 to 06/15/2018, \$120,000 (Total); \$40,000 (Hurwitz)
51. **Hurwitz, D.** (PI) Pacific Northwest Transportation Consortium (PacTrans). "Region 10 Safety UTC – OSU Administration Yr 5," 12/15/2016 to 12/14/2018, \$64,875 (Total); \$64,875 (Hurwitz)
52. **Hurwitz, D.** (Co-PI) and Monsere, C. (Co-PI @ PSU) Oregon Department of Transportation (ODOT). "Improved Safety and Efficiency of Protected/Permitted Right Turns in Oregon," 10/01/2015 to 02/28/2018, \$160,000 (Total); \$90,000 (Hurwitz)
53. **Hurwitz, D.** (PI), McCormack, E. (Co-PI @ UW), & Goodchild, A. (Co-PI @ UW) Pacific Northwest Transportation Consortium (PacTrans). "An Examination of the Impact of Increasing Commercial Parking Utilization on Cyclist Safety in Urban Environments," 01/01/2016 to 12/15/2018, \$180,000 (Total); \$94,000 (Hurwitz)
54. **Hurwitz, D.** (PI) "Improved Safety and Efficiency of Protected/Permitted Right Turns in the Pacific Northwest," Pacific Northwest Transportation Consortium (PacTrans). 01/01/2016 to 12/15/2018, \$21,222(Total); \$21,222 (Hurwitz)
55. **Hurwitz, D.** (PI), Boyle, L. (Co-PI @ UW), Hajibabai, L. (Co-PI @ WSU), Belz, N. (Co-PI @ UAF), & Abdel-Rahim, A. (Co-PI @ UI) Pacific Northwest Transportation Center (PacTrans). "Mitigation of Lane Departure Crashes in the Pacific Northwest Through Coordinated Outreach - Phase III," 12/15/2016 to 01/15/2018, \$165,000 (Total); \$41,000 (Hurwitz)

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56. **Hurwitz, D.** (PI) and Olsen, M. (Co-PI @ OSU) Oregon Department of Transportation (ODOT). and Oregon State University (OSU) "Driver Distraction Due to Drones," 01/01/2017 to 12/30/2017, \$94,876 (Total); \$77,236 (Hurwitz)
57. **Hurwitz, D.** (PI) Pacific Northwest Transportation Consortium (PacTrans). "Region 10 Safety UTC – OSU Administration Yr 4" 01/01/2016 to 06/15/2017, \$64,875 (Hurwitz)
58. **Hurwitz, D.** (PI), Boyle, L. (Co-PI @ UW), Hajibabai, L. (Co-PI @ WSU), Belz, N. (Co-PI @ UAF), & Abdel-Rahim (Co-PI @ UI), A. Pacific Northwest Transportation Center (PacTrans). "Mitigation of Lane Departure Crashes in the Pacific Northwest Through Coordinated Outreach - Phase II," 12/15/2016 to 6/15/2017, \$175,000 (Total); \$45,000 (Hurwitz)
59. **Hurwitz, D.** (PI), Boyle, L. (Co-PI @ UW), Hajibabai, L. (Co-PI @ WSU), Belz, N. (Co-PI @ UAF), & Abdel-Rahim, A. Pacific Northwest Transportation Center (PacTrans). "Mitigation of Lane Departure Crashes in the Pacific Northwest Through Coordinated Outreach - Phase I," 1/1/2015 to 12/15/2016, \$175,000 (Total); \$45,000 (Hurwitz)
60. Olsen, M. (Co-PI @ OSU), Kashani, A. (Co-PI @ OSU), & **Hurwitz, D.** (Co-PI) Pacific Northwest Transportation Center (PacTrans). "3D Virtual Sight Distance Analysis Using Mobile Lidar Data," 01/15/2015 to 12/15/2016, \$30,000 (Total); \$15,000 (Hurwitz)
61. Gambatese, J. (Co-PI @ OSU) and **Hurwitz, D.** (Co-PI) NCHRP Synthesis. "Transportation Worker Safety," 12/02/2015 to 11/30/2016, \$45,000 (Total); \$22,500 (Hurwitz)
62. **Hurwitz, D.** (Co-PI) and Olsen M. (Co-PI @ OSU) Pacific Northwest Transportation Consortium (PacTrans). "i sign interactive website development," 12/01/2015 to 2/15/2016, \$4,000 (Total); \$2,000 (Hurwitz)
63. **Hurwitz, D.** (PI) Oregon Department of Transportation (ODOT). "Optimal Timing and Detection Practices for Red Clearance Extensions to Reduce Red Light Running," 7/1/14 to 12/30/15, \$160,000 (Hurwitz)
64. **Hurwitz, D.** (PI) Oregon Department of Transportation (ODOT). "Northwest Transportation Conference Featured Speakers," 2/14/2014-4/14/2014, \$12,500 (Hurwitz)
65. **Hurwitz, D.** (PI) & Olsen, M. (Co-PI @ OSU). Travel Oregon & Pacific Northwest Transportation Consortium (PacTrans). "Evaluation of Existing and Alternative Information Signs in Oregon," 7/1/2013 to 12/30/2014, \$60,000 (Total) \$50,000 (Hurwitz)
66. **Hurwitz, D.** (PI), Boyle, L. (Co-PI @ UW), Abdel-Rahim, A. (Co-PI @ UI), Bham, G. (Co-PI @ UAA) Pacific Northwest Transportation Consortium (PacTrans). "Educating Teenage Drivers in the Pacific Northwest Regarding the Dangers of Distracted Driving - Phase II," 7/1/2013 to 6/30/2014, \$225,000 (Total); \$70,000 (Hurwitz)
67. Brown, S. (PI @ WSU) & **Hurwitz, D.** (Co-PI), Abdel-Rahim, A. (Co-PI @ UI), Hallenbeck, M. (Co-PI @ UW) & Perkins, R. (Co-PI @ UAF) Pacific Northwest Transportation Consortium (PacTrans). "Digital Dissemination Platform of Transportation Educational Materials Founded in Adoption Research - Phase II," 7/1/2013 to 12/30/2014, \$225,000 (Total); \$8,402 (Hurwitz)
68. **Hurwitz, D.** (Co-PI), Monsere, C. (Co-PI). Oregon Department of Transportation (ODOT). "Toward Effective Design Treatments for Right-Turns at Intersections with Bicycle Traffic," 9/1/2013 to 6/30/2015 \$150,000 (Total); \$80,000 (Hurwitz)
69. **Hurwitz, D.** (PI) & Olsen, M. (Co-PI @ OSU). Pacific Northwest Transportation Consortium (PacTrans). "Rendering of Dense, Point Cloud Data in a High Fidelity Driving Simulator," 7/1/2012 to 12/30/2013, \$40,000 (Total); \$20,000 (Hurwitz)
70. **Hurwitz, D.** (PI) National Science Foundation (NSF). "Transportation Educators Conference: Advancement of the National Curriculum Project," 5/1/2012 to 12/30/2012, \$29,987 (Total)

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71. Brown, S. (PI @ WSU), **Hurwitz, D.** (Co-PI), Kyte, M. (Co-PI @ UI), Hallenbeck, M. (Co-PI @ UW) & Perkins, R. (Co-PI @ UAF) Pacific Northwest Transportation Consortium (PacTrans). "Digital Dissemination Platform of Transportation Educational Materials Founded in Adoption Research," 7/1/2012 to 12/30/2013, \$200,000 (Total); \$65,000 (Hurwitz)
72. **Hurwitz, D.** (PI), Dixon, K. (Co-PI @ OSU), Abdel-Rahim, A. (Co-PI @ UI), Vila, B. (Co-PI @WSU), & Boyle, L. (Co-PI @UW) Pacific Northwest Transportation Consortium (PacTrans). "Educating Teenage Drivers in the Pacific Northwest Regarding the dangers of Distracted Driving - Phase I," 7/1/2012 to 12/30/2013, \$200,000 (Total); \$70,000 (Hurwitz)
73. **Hurwitz, D.** (PI), Brown, Shane (CoPI @ WSU), National Science Foundation (NSF). "Collaborative Research: Mental Models of Students and Practitioners in the Development of an Authentic Assessment Instrument for Traffic Signal Engineering," 5/1/2012 to 4/30/2015, \$200,000 (Total); \$108,321 (Hurwitz)
74. Higgins, C. (PI @ OSU), **Hurwitz, D.** (Investigator) Oregon Transportation Research and Education Consortium (OTREC). "Visiting Scholars Initiative," 10/1/2011 to 9/30/2012, \$7,500 (Hurwitz)
75. **Hurwitz, D.** (PI) Chris, M. (CoPI @ PSU) Oregon Transportation Research and Education Consortium (OTREC). "Improved Pedestrian Safety at Signalized Intersections Operating the Flashing Yellow Arrow," 10/1/2011 to 9/30/2012, \$123,798 (Total); \$76,781 (Hurwitz)
76. **Hurwitz, D.** (PI) Oregon Transportation Research and Education Consortium (OTREC). "An Activity-Based Learning Module for Human Factors in the Introductory Transportation Engineering Course," 10/1/2011 to 9/30/2012, \$26,734 (Total)
77. **Hurwitz, D.** (PI) Kittelson & Associates, Inc. (KAI). "Supplemental data reduction for the transportation operation innovation & demonstration evaluation/statewide," 5/15/2011 to 6/30/2012, \$10,079 (Total)
78. Olsen, M. (PI @ OSU), Glennie, C. (Co-PI @ Univ. of Houston), **Hurwitz, D.** (Investigator) National Cooperative Highway Research Program (NCHRP). "Guidelines for the use of mobile LIDAR in transportation applications," 4/1/2011 to 10/1/2012, \$250,000 (Total); \$17,500 (Hurwitz)
79. Dixon, K. (PI @ OSU), **Hurwitz, D.** (Investigator) National Cooperative Highway Research Program (NCHRP). "Work Plan Item #2: Driver Response and Attention Associated with Access Spacing," 8/1/2010 to 8/1/2011, \$130,000 (Total); \$12,167 (Hurwitz)
80. **Hurwitz, D.** (PI) Oregon Department of Transportation (ODOT). "Relating Traffic Systems Management and Operations Strategies to ODOT Policy Goals," 11/23/2009 to 9/30/2011, \$121,663 (Hurwitz)

**INTERNAL SUPPORT**

**Current**

1. None.

**Completed**

1. **Hurwitz, D.** (Co-PI) and Mason, B. (Co-PI OSU) Kiewit Center. "Advancement of a Transportation Geotechnics Desktop Learning Module," 1/1/2015 to 02/29/2016, \$5,600 (Total); \$2,800 (Hurwitz)
2. **Hurwitz, D.** (Co-PI) and Mason, B. (Co-PI @ OSU) Learning Innovation Grant. "Innovation in the Classroom: A Transportation Geotechnics Application of Desktop Learning Modules to Promote Inductive Learning" 1/1/2015 to 02/29/2016, \$10,000 (Total); \$5,000 (Hurwitz)
3. Mason, B. (Co-PI @ OSU) and **Hurwitz, D.** (Co-PI). L.L. Steward Faculty Development Fund. "Developing More Effective Engineering Educators: Facilitating Inductive Learning with a Desktop Learning Module," 1/1/2015 to 12/31/2015, \$4,400 (Total); \$2,200 (Hurwitz)

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4. Brown, S. (Co-PI @ OSU) and **Hurwitz, D.** (Co-PI). L.L. Steward Faculty Development Fund. "Improving the Assessment and Evaluation of Teaching in Civil Engineering," 1/1/2015 to 12/31/2015, \$4,400 (Total); \$2,200 (Hurwitz)

**RESEARCH STAFF MENTORED**

**Assistant Professor (Senior Research)**

*Current*

1. Hisham Jashami, PhD, RSP<sub>1</sub>, 2022 - Present

*Completed*

1. None.

**Post-Doctoral Scholar**

*Current*

1. Dr. Logan Scott-Deeter, Delivering Traffic Safety Workforce Development Trainings and Technical Assistance Across Oregon, 2024 - Present

*Completed*

1. Dr. Hagai Tapiro, Evaluation of Driver Performance and Workload during Takeover Events, 2017 – 2019, Post-Doc at Eindhoven University of Technology, Eindhoven, Netherlands

**Administrative Program Specialist**

*Current*

1. Emily Philips, 2023 – Present

*Completed*

1. None.

**STUDENTS MENTORED**

**Doctoral Students**

*Current*

1. Jane Weber, Increasing Equity in Traffic Safety, 2024 – Present
2. Elsa Moreno Rangel, Developing Guidance on Leading Pedestrian Intervals and Curb Extensions to Improve Pedestrian Safety at Signalized Intersections, 2023 – Present
3. Syed Baqir UI Husain, Hardware-in-the-loop Simulation for coordinated corridors, 2022 – Present
4. Helena (Lena) Breuer, Evaluation of Alternative Intersection Designs to Mitigate Turning Motor Vehicle-bicycle Crashes, 2020 – Present

*Completed*

1. Amy Wyman, 2024, Towards Developing Pedestrian Safety, Efficiency, and Intuition at Signalized Intersections, Assistant Professor at California State University Sacramento, Sacramento, CA
2. Logan Scott-Deeter, 2024, Heavy Truck Gap Acceptance Behavior at Congested Single Lane Roundabouts: Challenges and Solutions, Post-Doctoral Scholar, Oregon State University

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3. Ananna Ahmed, 2021, Evaluation of Color and Flashing Pattern of Lights on Pavers in Nighttime Work Zones, Senior Researcher for Leidos at Turner-Fairbank Highway Research Center, McLean, VA
4. Doug Cobb, 2020, Evaluation of Cycling Behavior: Factors that Influence Cyclists' Comprehension, Comfort, and Stress, City Traffic Engineer at Coral Gables, FL
5. Hisham Jashami, 2020, Evaluation of Driver Behavior during Right Turn Maneuvers at Signalized Intersections: Mitigation of Driver-Pedestrian Conflicts with a Right Turn Flashing Yellow Arrow, Post-Doc at Michigan State University, East Lansing, MI
6. Dylan Horne, 2019, Sound and Vibration Analysis of Alternative Rumble Strips, Shop Mechanic/Board Member at The Pedal Factory, Salisbury, NC
7. Hameed Aswad Mohammed, 2019, Evaluation of Driver of Response to the onset of the Circular Yellow Indication in the Presence of a Following Vehicle at High-Speed Signalized Intersections, Assistant Professor at the University of Anbar, Anbar, Iraq
8. Zachary Barlow, 2019, Driver Distraction from Unmanned Aerial Systems: Evidence, Policy, and Mitigation, Project Manager at Ironside Engineering and Development, Show Low, AZ
9. Masoud Ghodrat Abadi, 2018, Design and Operational Considerations for Bicycles on Transportation Infrastructure, Assistant Professor at California State University Sacramento, Sacramento, CA
10. Mohammad Islam, 2014, Safety and Efficiency Benefits of Traffic Signal Countdown Timers, Transportation Engineer at Traffic Technology Services, Inc., Beaverton, OR
11. Mafruhatul Jannat, 2014, Towards the Mitigation of Right-Hook Crashes at Signalized Intersections, Saxton Lab Manager/Senior Researcher for Leidos at Turner-Fairbank Highway Research Center, McLean, VA

**Master of Science Students**

*Current*

1. Timila Maharjan, TBD, 2024 - Present
2. Erika Anderson, TBD, 2024 - Present
3. Wyatt Brown, Evaluating the Frequency of Conflicts between Bicycles and Vehicles in Single Lane Roundabouts, 2023 – Present

*Completed*

1. Shoroq Alabdali, 2024, Validation of Automated Traffic Signal Performance Measures in Portland, Oregon
2. Sarah Carr, 2024, Evaluation of Dutch-Style Signal Countdown Timer Performance and Compliance at Signalized Intersections in Portland, Oregon, PhD student at Iowa State University
3. Jane Weber, 2024, Evaluation of Ghost Lines on Driver Behavior and Safety, PhD student at Oregon State University
4. Keiza Suwandhaputra, co-advised with Dr. Robert Bertini, Strategies to Improve Pedestrian Safety at Night, 2023, Transportation Engineering Associate, City of Los Angeles Department of Transportation, Los Angeles, CA
5. Jasmin Woodside, Evaluation of Idaho Stop Laws in the Pacific Northwest, 2022, Civil Engineer at Akana, Portland, OR
6. Yujun Liu, Evaluation of Commercial Motor Vehicle Operator Behavior During Parking Manuvers in Urban Environments, 2022, Transportation Engineer at HDR, Portland, OR
7. McKenna Milacek, Development of an improved Safety Investigations Manual for the Oregon Department of Transportation, 2022, Transportation Engineer at Kittelson and Associates, Portland, OR

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8. Eileen Chai, Evaluation of the Impact of Crosswalk Placement on Pedestrian Safety, 2022, Transportation Engineer at DKS Associates, Portland, OR
9. Logan Scott-Deeter, Assessing the Impact of Three Intersection Treatments on Bicyclist Safety, 2021, PhD student at Oregon State University, Corvallis, OR
10. Travis Larson, Evaluation of Passive Pedestrian Detection with a Framework for Future Applications, 2020, Transportation Engineer at DKS Associates, Salem, OR
11. Cadell Chand, Co-advised with Dr. Haizhong Wang, Integrating Driving Simulator Experiment Data with Multi-Agent Connected Automated Vehicle Simulation (MA-CAVS) Platform to Quantify Improved Capacity, 2020, Transportation Engineer at Fehr & Peers, Tacoma, WA
12. Ellen Simpson, 2018, Development and Testing of a Mobile Radar Based Vehicle Trajectory Detection System, Transportation Engineer at HDR, Portland, OR
13. Kayla Fleskes, 2018, Influence of Bicyclist Presence on Driver Performance during Autonomous Vehicle Take-Over Requests, Transportation Engineering at DKS Associates, Portland, OR
14. Zachary Barlow, 2017, A Review of Current State Department of Transportation Practice for Promoting and Documenting the Safety of Field Employees, PhD student at Oregon State University, Corvallis, OR
15. Kamilah Burker, 2017, Evaluation of Desktop Learning Modules in Civil Engineering Classrooms to promote Inductive and Interactive Learning, Transportation Engineer, DKS Associates, Portland, OR
16. Sarah McCrea, 2015, Consideration of User Behavior in the Design of Red Light Extension Systems, Engineer Assistant, at Sandow Engineering, Eugene, OR.
17. Jennifer Warner, 2015, Design Alternatives to Mitigate Right Hook Crashes, Transportation Engineer at Stantec, Mechanicsburg, PA
18. Julia Kautz, 2015, Implications of Distraction on Pedestrian Behavior, Engineer 1 at Los Alamos National Laboratory, Los Alamos, NM.
19. Justin Neill, 2014, Evaluation of Alternative Information Signs in Oregon, Transportation Engineer at Traffic Technology Solutions, Beaverton, OR
20. Patrick Marnell, 2013, Implications of Distracted Driving on Driver Behavior in the Standing Queue of Dual Left-Turn Lanes: An Empirical Study, Transportation Engineer at Kittleson & Associates, Portland, OR
21. Joshua Swake, Driving Simulation: A Mechanism for Understanding Driver Response to Mobile Barriers in Work Zones, 2013, Transportation Engineering at DKS Associates, Portland, OR
22. Halston Tuss, 2012, Improved Pedestrian Safety at Signalized Intersections Operating the Flashing Yellow Arrow, Transportation Engineer, DKS Associates, Salem, OR
23. Derek Moore, 2012, Fuzzy Logic for Improved Dilemma Zone Identification: A Simulator Study, Transportation Engineer, DKS Associates, Salem, OR
24. Sahar Nabee, 2011, An Evaluation of Gap Acceptance Behavior at Unsignalized Intersections, PhD student at the University of Maryland

**Master of Engineering Students (one year, course work only)**

*Current*

1. Xinyang Du, 2023 - present

*Completed*

1. Zurita Zharita, 2022
2. Hisham Jahsam, 2019
3. Jie Sun, 2019
4. Xufeng Tang, 2016

5. Zachary Williams, 2013
6. Keith Blair, 2012

### **Undergraduate Honors College Students**

#### *Current*

1. Emilio Ronaldo Calderon, Evaluation of Motorist Visual Attention at Stop Controlled Intersections with Bicycle Rolling Stop Laws
2. Cyrus Scarboro-Ford, Evaluation of Bicyclist Visual Attention during Door Zone Crashes
3. Aiden Gray, Linking Oregon Driver Records and Crash Data to Evaluate Interventions and Mitigate Driver Risk

#### *Completed*

1. Alden Sova, 2019, An Analysis of Driver's Visual Attention when Exposed to Roadside Drone Operations
2. Cadell Chand, 2018, Determination of Bicyclist Behavior during a Dooring Crash
3. Amy Wyman, 2016, Visual Attention to Red Signal Countdown Timers Among Oregon Drivers
4. Makenzie Ellett, 2015, Influence of Texting on Driver Glance Patterns and Lane Position on Horizontal Curves, BSCE student at Oregon State University
5. Patrick Burns, 2014, Visual Search Patterns and Behavior of Left Turning Bicyclists at Roadway Intersections: A Field Study, MS student at Oregon State University

### **Committee Member**

#### *Current*

1. Chenqiang Liu, PhD in CE, Summer 2025
2. Navid Yaghoubisharif, MS in CE, Fall 2024

#### *Completed*

1. Mohammad Rayeedul Siam, PhD in CE, Summer 2023
2. James Umphress, MS in CE, Summer 2023
3. Sukallyan Ghosh, MS in CE, Spring 2023
4. Namu Timilsina, MS in CE, Spring 2023
5. Jaekook Kim, MS in CE, Summer 2022
6. Zhikang Shi, MEng in CE, Fall 2021
7. Mohammad Rayeedul Kalam Siam, MEng in CE, Spring 2021
8. Ihsan Obaid, PhD in CE, Summer 2021
9. Chen Chen, PhD in CE, Summer 2021
10. Hamsa Abbas Nayyef Zubaidi, PhD in CE, Spring 2021
11. Xuanyang Zhao, MEng in CE, Winter 2021
12. Aleah Olsen, MS in CE, Spring 2020
13. Alireza Mostafizi, PhD in CE, Spring 2019
14. Matthew (Matt) Haynes, MS in CE, Spring 2019
15. Kaden Kinser, MS in CE, Spring 2019
16. Kenneth Faiwoyife, MS in CE, Winter 2019
17. Nabeel Saleem Saad Al-Bdairi, PhD in CE, Summer 2018
18. Shangjia Dong, PhD in CE, Summer 2018
19. Jason Anderson, PhD in CE, Summer 2018
20. Chongchong Li, MEng in CE, Spring 2018

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21. Joseph Claveria, MS in CE, Spring 2018
22. Harith Abdulsattar, PhD in CE, Spring 2018
23. Yue Xu, MS in CE, Spring 2017
24. Chen Chen, MS in CE, Spring 2017
25. Katarina Morowsky, PhD in IE, Spring 2017
26. Jason Pascoe, MS in CE, Fall 2016
27. Keisha Villanueva, MS in CE, Summer 2016
28. Edger Castro, MS in CE, Summer 2016
29. Tianjiao Li, MS in CE, Spring 2016
30. Hongzhang Chenji, MEng in CE, Winter 2016
31. Adriana Debora Piemonti, PhD in CE, Fall 2015
32. Shangjia Dong, MS in CE, Fall 2015
33. Dejan Dudich, MS in CE, Fall 2015
34. Hamid Mahmoudabadi, PhD in CE, Summer 2015
35. Floraliza Bornasal, PhD in CE, Spring 2015
36. Allie Peters, MS in CE, Spring 2015
37. Lu Liu, MSCE, Winter 2014
38. Amirali Saeedi, PhD in IE, Winter 2013
39. Ian Roholt, MSCE, Winter 2013
40. Jianfei Zheng, MSCE, Fall 2012
41. Lacy Brown, MSCE, Summer 2012
42. Keith Williams, MSCE, Spring 2012
43. Megan Mecham, MSCE, Spring 2012
44. Ioana Cosma, MSCE, Spring 2012
45. Raul Avelar, PhD in CE, Spring 2012
46. Meng Li, MSCE, Fall 2011
47. Yanfen Zhou, MSCE, Spring 2011
48. Mafruhatul Jannat, MSCE, Spring 2011
49. Brett Cowgill, MEng, Spring 2011
50. Fei Xie, MSCE, Winter 2011
51. Neil Kopper, MSCE, Spring 2010

**Graduate Council Representative (GCR)**

*Current*

1. Connor Kutzler, PhD in Psych, Spring 2028

*Completed*

1. Tabeel Jacob, PhD in ME, Summer 2020
2. Jamie Graen, MAIS, Fall 2019
3. Madelayne Varela, MAIS, Fall 2019
4. Helen Garrett, PhD in Education, Fall 2016
5. Angelica Falkenstein, MAIS, Spring 2013

**Undergraduate Research Assistants (URA)**

*Current*

1. Rafael Roldan, CE Summer 24
2. Nelson Torres, CE, Summer 24



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3. Alexa Baruela, CS, Spring 24, Summer 24
4. Keith Kobayashi, CE, Spring 24, Summer 24
5. Phannawich Jadpotwanich, CS, Winter 24, Spring 24, Summer 24
6. Brandon Walker, CEM, Fall 23, Winter 24, Spring 24, Summer 24
7. Emily Dahbura, CE, Winter 24, Spring 24
8. Aiden Gray, CE, Fall 23, Winter 24, Spring 24
9. Jennifer Miwa, CE, Fall 23, Winter 24, Spring 24
10. Mahde Abusaleh, CS, Summer 23, Fall 23, Winter 24
11. Emilio Ronaldo Calderon, CE, Winter 2023, Spring 23, Fall 23, Winter 24, Spring 24
12. Matthew Prak, CE, Fall 2022, Winter 2023, Spring 23, Fall 23, Winter 24, Spring 24

*Completed*

1. Mahde Abusaleh, CS, Summer 23, Fall 23, Winter 24, Summer 24
2. Mihret Kamal, CE, Summer 23, Fall 23, Winter 24, Spring 24
3. Leonard Dattilo, CE, Fall 23, Winter 24, Spring 24
4. Zarina Zhukokova, ARE, Fall 23, Winter 24
5. Pavel Matyukhin, ME, Winter 2023, Spring 23
6. Elsa Moreno Rangel, CEM, Winter 2021 – Spring 2022; Fall 2022 – Summer 2023
7. Cyrus Scarboro-Ford, CE, Fall 2022, Winter 2023, Spring 23
8. Benjamin Fryback, CE, Fall 2021 - Spring 2022; Fall 2022, Winter 2023
9. Dalton Dancoe, CE, Summer 2022
10. Charlotte Jane Mondress, CE, Fall 2021 - Spring 2022
11. Shoroq Alabdali, CE, Summer 2022
12. Ivan Sinkus, CE, Winter 2022
13. Brandy Quach, CE, Fall 2020 – Summer 2022
14. Tuyet (Snowy) To, BS in Accounting, Winter 2022- Spring 2022
15. Alden Sova, IE, Summer 2018, Winter Break 2018, Winter 2019, Summer 2019, Summer 2020, Winter Break 2020 (Industrial Engineering)
16. Eileen Chai, CE, Summer 2020
17. Aaron Mendez, CE, Winter 2020 – Spring 2020
18. Megan Shu-mei Lee, CE, Fall 2019 – Spring 2020
19. Markas Bauer, EECS, Fall 2019 – Spring 2020 (Computer Science)
20. Lukas Bauer, MIMEE, Fall 2018 – Spring 2019 (Mechanical Engineering)
21. Logan Scott-Deeter, CE, Fall 2016 – Summer 2017; Winter 2018; Spring 2018; Spring 2019
22. Travis Larsen, CE, Winter 2017 – Spring 2017; Winter 2018 – Summer 2018
23. Xiaodan Zhang, CE, Fall 2017 – Spring 2018
24. Amber Meeks, CE, Winter 2015 – Spring 2016
25. Neha Valluri, EECS, Fall 2015, Winter 2016 (Computer Science)
26. Katie Mannion, CE, Summer 2014
27. Kamilah Buker, CE, Fall 2014 – Summer 2015
28. Amy Wyman, CE, Summer 2014, Winter 2015
29. Kayla Fleskes, CE, Summer 2014
30. Kyle England, CE, Winter 2012
31. Rachel Hanna, CE, Winter 2012
32. Isaac Talley, CE, Summer 2011- Spring 2012
33. Joshua Swake, CE, Summer 2011
34. Cole Fitzpatrick, CE, Spring 2011
35. Brennan Burbank, CE, Fall 2010 – Spring 2011

36. Halston Tuss, CE, Summer 2010

**Summer Experience in Science and Engineering for Youth (SESEY)**

*Completed*

1. Michael Cardani, Driving and Bicycling Simulator Lab, July 2014
2. Shelby Cutter, Driving and Bicycling Simulator Lab, July 2014
3. Tiernan Pietsch, Empirical Evaluation of Distracted Pedestrians, July 2013
4. Carolina Guillen, Empirical Evaluation of Distracted Pedestrians, July 2013

**STUDENT AWARDS AND ACHIEVEMENTS**

- Jane Weber, PhD student, Western District Student Paper Award, 2024
- Elsa Moreno Rangel, PhD student, Eno Leaders Development Conference (LDC) Fellow, 2024
- Wyatt Brown, MS student, Life Savers Traffic Safety Scholar, 2024
- Elsa Moreno Rangel, MS student, Life Savers Traffic Safety Scholar, 2024
- Logan Scot-Deeter, PhD student, UTC Outstanding Student of the Year, 2023
- Amy Wyman, PhD student, Dwight David Eisenhower Transportation Fellowship, FHWA, 2023-2024
- Logan Scott-Deeter, PhD student, Dwight David Eisenhower Transportation Fellowship, FHWA, 2023-2024
- Amy Wyman, PhD student, Excellence in Undergraduate Research Mentoring by a Graduate Student Award, Oregon State University, 2023
- Kezia Suwandhaputra, MS student, Outstanding Graduate Student, ITE Western District, 2023
- Kezia Suwandhaputra, MS student, Life Savers Traffic Safety Scholar, 2023
- Syed Baqir UI Husain, PhD student, Life Savers Traffic Safety Scholar, 2023
- Lena Brewer, PhD student, UTC Outstanding Student of the Year, 2022
- Amy Wyman, PhD student, Dwight David Eisenhower Transportation Fellowship, FHWA, 2022-2023
- Eileen Chai, MSCE student, Milton Pikarsky Memorial Award for best Master's Thesis in the field of science and technology in transportation studies, CUTC, 2023
- Elsa Moreno Rangel, BSCE student, Outstanding Undergraduate Student, ORITE, 2022
- Eileen Chai, MSCE student, Outstanding Graduate Student, ITE Western District, 2022
- Amy Wyman, PhD student, Life Savers Traffic Safety Scholar, 2022
- Logan Scot-Deeter, PhD student, Life Savers Traffic Safety Scholar, 2022
- Lena Brewer, Dwight David Eisenhower Transportation Fellowship, FHWA, 2021-2022
- Ananna Ahmed, PhD student, Michael Kyte Outstanding Student of the Year, 2021
- OSU ITE Student Chapter, 1<sup>st</sup> Place, Collegiate Traffic Bowl, ITE International, 2021
- OSU ITE Student Chapter, 1<sup>st</sup> Place Traffic Bowl, ITE Western District, 2021
- OSU ITE Student Chapter, Best Chapter Award, ITE International, 2021
- Amy Wyman, PhD student, Outstanding Graduate Student, ITE Western District, 2021
- OSU ITE Student Chapter, Best Chapter Award, ITE Western District, 2021
- Ananna Ahmed, PhD student, Life Savers Traffic Safety Scholar, 2021
- Amy Wyman, PhD Student, UTC Outstanding Student of the Year, 2020
- Amy Wyman, PhD student, Dwight David Eisenhower Transportation Fellowship, FHWA, 2020-2021
- Amy Wyman, PhD student, Roy E. Jorgensen Memorial Scholarship, 2020
- Cadell Chand, MSCE 20, OSU Civil Engineering MSCE Student of the year, 2020

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- OSU ITE Student Chapter, 3<sup>rd</sup> Place, National Collegiate Traffic Bowl, 2020
- OSU ITE Student Chapter, 1<sup>st</sup> Place Traffic Bowl, ITE Western District, 2020
- OSU ITE Student Chapter, Best Chapter Award, ITE Western District, 2020
- Travis Larson, MSCE 20, Outstanding Graduate Student, ITE Western District, 2020
- Travis Larson, MSCE 20, Dam Distinguished Outstanding Club Officer, OSU COE, 2020
- Travis Larson, Amy Wyman, Dylan Horne, Cameron Bennett, and Joe Neils, 1<sup>st</sup> Place, Traffic Control Devices Challenge, TRB & ATSSA, 2020
- Cadell Chand, MSCE 20, 1<sup>st</sup> Place, 2019 Ken Cross Student Poster Competition, APBP Annual Meeting, 2019
- Dylan Horne, PhD student, Eno FLD Conference Fellow, 2019
- Hisham Jashami, PhD student, Life Savers Traffic Safety Scholar, 2019
- Hisham Jashami, PhD student, Received Young First Author Award from the Transportation Research Board Standing Committee on Traffic Control Devices (AHB50), 2019
- Hisham Jashami, Zach Barlow, Dylan Horne and Cadell Chand, 2<sup>nd</sup> Place, Traffic Control Devices Challenge, TRB & ATSSA, 2019
- Zach Barlow, PhD Student, UTC Outstanding Student of the Year, 2018
- Kayla Fleskes, MSCE 18, Graduate Scholarship, ORITE, 2018
- Hisham Jashami, PhD student, 3<sup>rd</sup> Place, Region X Student Poster Competition, 2018
- Kayla Fleskes, MSCE 18, Outstanding Graduate Student, ITE Western District, 2018
- OSU ITE Student Chapter, Best Chapter Award, ITE Western District, 2018
- Masoud Ghodrat Abadi, PhD student, 3<sup>rd</sup> Place, School of Civil and Construction Engineering, Graduate Research Showcase, Oregon State University, 2018
- Hisham Jashami, Ellie Simpson, Zach Barlow, and Logan Scott-Deeter, 2<sup>nd</sup> Place, Traffic Control Devices Challenge, TRB & ATSSA, 2018
- Masoud Ghodrat Abadi, PhD student, Life Savers Traffic Safety Scholar, 2018
- Kayla Fleskes, MSCE 18, UTC Outstanding Student of the Year, 2017
- Masoud Ghodrat Abadi, PhD student, 1<sup>st</sup> Place, Region X Student Poster Competition, 2017
- Dylan Horne, PhD student, 3<sup>rd</sup> Place, Region X Student Poster Competition, 2017
- Amy Wyman, BSCE 17, OSU Undergraduate Civil Engineering Student of the year, 2017
- Masoud Ghodrat Abadi, PhD student, Eno FLD Conference Fellow, 2017
- Zach Barlow, MS student, 1<sup>st</sup> Place, ORITE Section Bill Kloos Scholarship Award, 2017
- Masoud Ghodrat Abadi, PhD student, Michael Kyte Outstanding Student of the Year, 2016
- Hisham Jashami, PhD student, 1<sup>st</sup> Place, Region X Student Poster Competition, 2016
- Kayla Fleskes, BSCE 16, OSU Undergraduate Civil Engineering Student of the year, 2016
- Masoud Ghodrat Abadi, PhD student, Younger Member, TRB Committee on Education and Training (ABG20), 2016
- Zach Barlow, MS student, Younger Member, TRB Committee on Transportation History (ABG50), 2016
- Kamilah Buker, MS student, 1<sup>st</sup> Place, ORITE Section Bill Kloos Scholarship Award, 2016
- Masoud Ghodrat Abadi, PhD student, 3<sup>rd</sup> Place, Region X Student Poster Competition, 2015
- Makenzie Ellett, UHC 15, OSU Undergraduate Civil Engineering Student of the year, 2015
- Jennifer Warner, MSCE 15, 2<sup>nd</sup> Place, OSU 3MT/Scholars' Insights Competition, 2015
- Masoud Ghodrat Abadi, PhD student, 1<sup>st</sup> Place, ORITE Section Bill Kloos Scholarship Award, 2015
- Jennifer Warner, MSCE 15, Michael Kyte Outstanding Student of the Year, 2014
- Jennifer Warner, MSCE 15, 1<sup>st</sup> Place, Region X Student Poster Competition, 2014
- Jennifer Warner, MSCE 15, 1<sup>st</sup> Place, Oregon Transportation Summit 3MT competition, 2014

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- Patrick Burns, UHC 14, OSU Undergraduate Civil Engineering Student of the year, 2014
- Mafruhatul Jannat, PhD 14, Grand Champion, OSU CCE Grad Student Expo, 2014
- Jennifer Warner, MSCE 15, 1<sup>st</sup> Place, ORITE Bill Kloos Scholarship Award, 2013
- Mafruhatul Jannat, PhD 14, 2<sup>nd</sup> Place, Oregon Transportation Summit 3MT competition, 2013
- Joshua Swake, MSCE 13, PacTrans Student of the Year, 2013
- Patrick Marnell, MSCE 13, 2<sup>nd</sup> Place, ITE Oregon Section Bill Kloos Scholarship Award, 2012

### VISITING SCHOLARS

#### *Current*

1. None.

#### *Completed*

1. Jianjun Shi, Associate Professor, College of Metropolitan Transportation, Beijing University of Technology, March 2016 – January 2017
2. Dekang Zhang, PhD Student, College of Metropolitan transportation, Beijing University of Technology, September 2016 – November 2016

### PROFESSIONAL CERTIFICATION/TRAINING

- **Participant**, Philanthropy Highlights – Philanthropreneurs, November, 11, 2021
- **Participant**, Philanthropy Highlights – Adapting to Change and Developing a New Normal, May 24, 2021
- **Participant**, Designing Your Canvas Site for Better Student Experience, W21 Course Design/Teaching Workshop, December 15, 2020
- **Participant**, National Effective Teaching Institute, NEIT-3: effective teaching in a virtual environment, July 23 & 24, 2020
- **Participant**, Navigating Bias in Learning Environments, OSU, June 7, 2019
- **Participant**, Is getting a graduate degree bad for your health?, for graduate faculty and advisors, Oregon State University, May 1, 2019
- **Participant**, Advising for Advisors Workshop, OSU College of Engineering, April 2, 2019
- **Participant**, Dean's Leadership Series, Workshop 2: The Search Process OSU College of Engineering, December 4, 2018
- **Participant**, Dean's Leadership Series, Workshop 1: On the Line, OSU College of Engineering, December 3, 2018
- **Participant**, Integrating Bike-Ped Topics into University Transportation Courses, Portland State University, June 19-20, 2018
- **Participant**, Dean's Leadership Workshop, OSU College of Engineering, May 2018
- **Participant**, Mentoring the Mentors of UREG: Beyond Cultural Competence Training, April 2018
- **Participant**, Optimizing our Philanthropic Opportunity for Faculty and Administrative Leaders, Advancement Resources Training, 2015 - 2018
- Shop and Maintenance Personnel
  - Hazard Communication, Feb 2017
  - Hazardous and Universal Waste, Feb 2017, Feb 2018
  - Lab Hazard Awareness for Non-lab Personnel, Feb 2017
- Wave Lab General Safety Training, 2016
- Search Advocate, Oregon State University, 2016
- **Participant**, ASCE ExCEED II Teaching Workshop, American Society of Civil Engineers, Florida Gulf Coast University, June 2012

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- **Participant**, ASCE ExCEEd Teaching Workshop, American Society of Civil Engineers, University of Colorado Boulder, June 2010
- Collaborative Institutional Training Initiative (CITI)
  - UW Madison Group 1.Social / Behavioral Research Investigators and Key Personnel, 2017
  - Responsible Conduct of Research for Engineers, 2016
  - OSU CITI Conflicts of Interest Course, 2012, 2016, 2020, 2024
  - OSU Group 1.Social / Behavioral Research Investigators and Key Personnel, 2009, 2016, 2017, 2020, 2023
  - OSU Group 3.Board Members Affiliated with OSU, 2009
- **Participant**, ASCE: Mini ExCEEd Teaching Workshop, Portland State University, American Society of Civil Engineers, June 2009
- Engineer-in-Training, No. 20953, 2004

**TEACHING**

**Oregon State University**

*Credit Courses*

<b>Number</b>	<b>Course Title</b>	<b>Term/Year</b>	<b>Credits</b>	<b>Enrollment</b>
CE 595	Traffic Operations and Design	Fall 2009	3	11
CE 392	Intro to Highway Engineering	Spring 2010	4	31
CE 595	Traffic Operations and Design	Fall 2010	3	16
CE 392	Intro to Highway Engineering	Winter 2011	4	57
CE 590	Isolated Signalized Intersections	Spring 2011	3	15
CE 595	Traffic Operations and Design	Fall 2011	3	9
CE 595	Isolated Signalized Intersections	Winter 2012	3	5
CE 392	Intro to Highway Engineering	Spring 2012	4	34
CE 595	Traffic Operations and Design	Fall 2012	3	21
CE 590	Driving Simulation	Winter 2013	3	14
CE 552	Isolated Signalized Intersections	Spring 2013	3	9
CE 595	Traffic Operations and Design	Fall 2013	3	7
CE 590	Driving Simulation	Winter 2014	3	4
CE 392	Intro to Highway Engineering	Spring 2014	4	47
CE 595	Traffic Operations and Design	Fall 2014	3	16
CE 552	Isolated Signalized Intersections	Winter 2015	3	15
CE 392	Intro to Highway Engineering	Spring 2015	4	26
CE 595	Traffic Operations and Design	Fall 2015	3	18
HC 408	Thesis Learn	Fall 2015	3	32
CE 507	Transportation Seminar	Winter 2016	1	15
CE 392	Intro to Highway Engineering	Spring 2016	4	27
CE 595	Traffic Operations and Design	Fall 2016	3	8
CE 552	Isolated Signalized Intersections	Winter 2017	3	9
CE 507	Transportation Seminar	Winter 2017	1	8
CE 392	Intro to Highway Engineering	Spring 2017	4	28
CE 595	Traffic Operations and Design	Fall 2017	3	11
ENGR 407	CECOP/CE/CEM/FE	Fall 2017	1	30
CE 507	Transportation Seminar	Winter 2018	1	5
CE 554	Driving Simulation	Winter 2018	3	10

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CE 392	Intro to Highway Engineering	Spring 2018	4	16
CE 595	Traffic Operations and Design	Fall 2018	3	8
ENGR 407	CECOP/CE/CEM/FE	Fall 2018	1	21
CE 507	Transportation Seminar	Winter 2019	1	6
CE 552	Isolated Signalized Signals	Winter 2019	3	6
HC 408	HC Thesis: Stage 2	Winter 2019	1	45
CE 392	Intro to Highway Engineering	Spring 2019	4	20
CE 392	Intro to Highway Engineering	Spring 2020	4	27
CE 595	Traffic Operations and Design	Fall 2020	3	20
ENGR 407	CECOP/CE/CEM/FE	Fall 2020	1	25
CE 552	Isolated Signalized Signals	Winter 2021	3	13
CE 507	Transportation Seminar	Winter 2021	1	14
CE 392	Intro to Highway Engineering	Spring 2021	4	52
CE 595	Traffic Operations and Design	Fall 2021	3	10
CE 392	Intro to Highway Engineering	Spring 2022	4	21
CE 552	Isolated Signalized Signals	Fall 2022	3	9
CE 392	Intro to Highway Engineering	Spring 2023	4	19
CE 499/599 <sup>a</sup>	Sustainable Mobility in the Netherlands	Summer 2023	4	18
CE 595	Traffic Operations and Design	Fall 2023	3	12
CE 392	Intro to Highway Engineering	Spring 2024	4	26
CE 554	Driving Simulation	Fall 2024	3	TBD
CE 392	Intro to Highway Engineering	Spring 2025	4	TBD

<sup>a</sup>Co-Instructed w/ Dr. Robert Bertini

Student Evaluations

Number	Term	Enrollment	# Responding	Median Student Evaluation (#1 <sup>a</sup> /#2 <sup>b</sup> )	College or School Median* (#1/#2)	Required /Elective
CE 595	Fall 2009	11	9	5.9/6.0	4.9/5.2 <sup>d</sup>	Required
CE 392	Spring 2010	31	28	4.9/5.4	4.5/4.8 <sup>e</sup>	Required
CE 595	Fall 2010	16	14	5.8/5.9	4.9/5.2 <sup>d</sup>	Required
CE 392	Winter 2011	57	50	5.1/5.5	4.5/4.7 <sup>e</sup>	Required
CE 590	Spring 2011	15	15	5.0/5.5	5.0/5.2 <sup>d</sup>	Elective
CE 595	Fall 2011	9	8	5.0/5.8	4.6/4.7 <sup>f</sup>	Required
CE 590	Winter 2012	5	5	5.9/5.9	4.6/4.8 <sup>f</sup>	Elective
CE 392	Spring 2012	34	30	5.8/5.8	4.6/4.7 <sup>f</sup>	Required
CE 595	Fall 2012	21	19	5.7/5.9	4.7/4.8 <sup>f</sup>	Required
CE 590	Winter 2013	14	9	5.4/5.8	4.6/4.8 <sup>f</sup>	Elective
CE 552	Spring 2013	9	6	5.9/5.9	4.6/4.8 <sup>f</sup>	Elective
CE 595	Fall 2013	7	7	5.6/5.8	4.8/4.9 <sup>f</sup>	Required
CE 590	Winter 2014	4	4	none/none	none/none	Elective
CE 392	Spring 2014	47	41	5.0/5.3	4.9/5.1 <sup>f</sup>	Required
CE 595	Fall 2014	16	16	6.0/6.0	4.8/4.9 <sup>f</sup>	Required
CE 552	Winter 2015	15	13	5.9/5.9	4.8/5.0 <sup>f</sup>	Elective

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CE 392	Spring 2015	26	23	5.2/5.3	4.8/5.1 <sup>f</sup>	Required
CE 595	Fall 2015	18	16	5.9/5.8	5.0/5.2 <sup>f</sup>	Required
HC 408	Fall 2015	32	25	4.2/5.2	5.3/5.5 <sup>f</sup>	Required
CE 507	Winter 2016	15	12	5.6/5.9	4.6/4.8 <sup>f</sup>	Required
CE 392	Spring 2016	27	25	5.7/5.7	4.7/4.9 <sup>f</sup>	Required
CE 595	Fall 2016	8	8	5.8/5.8	5.0/5.1 <sup>f</sup>	Required
CE 552	Winter 2017	9	7	5.3/5.8	4.9/5.2 <sup>f</sup>	Elective
CE 507	Winter 2017	7	5	5.7/5.9	4.9/5.2 <sup>f</sup>	Required
CE 392	Spring 2017	28	20	5.4/5.6	5.0/5.2 <sup>f</sup>	Required
CE 595	Fall 2017	11	9	5.9/6.0	5.0/5.2 <sup>f</sup>	Required
ENGR 407	Fall 2017	30	22	4.7/5.2	5.1/5.3 <sup>f</sup>	Required
CE 507	Winter 2018	5	4	5.8/6.0	5.1/5.3 <sup>f</sup>	Required
CE 554	Winter 2018	10	6	5.8/5.9	5.1/5.3 <sup>f</sup>	Elective
CE 392	Spring 2018	16	8	5.3/5.7	5.0/5.2 <sup>f</sup>	Required
CE 595	Fall 2018	8	7	5.9/5.9	5.2/5.3 <sup>f</sup>	Required
ENGR 407	Fall 2018	21	15	5.1/5.9	5.1/5.3 <sup>f</sup>	Required
CE 507	Winter 2019	6	6	5.9/5.8	4.8/5.1 <sup>f</sup>	Required
CE 552	Winter 2019	6	5	5.9/6.0	4.8/5.1 <sup>f</sup>	Elective
HC 408	Winter 2019	43	21	5.2/5.4	5.5/5.6 <sup>f</sup>	Elective
CE 392	Spring 2019	20	8	5.7/5.7	5.1/5.1 <sup>f</sup>	Required
CE 392	Spring 2020	28	12	5.6/ 6.0	NA	Required
CE 595	Fall 2020	18	8	5.9/5.8	5.5/5.2 <sup>f</sup>	Required
ENGR 407	Fall 2020	26	9	5.6/5.6	4.9/5.2 <sup>f</sup>	Required
CE 552	Winter 2021	13	6	5.8/5.8	5.2/5.5 <sup>f</sup>	Elective
CE 507	Winter 2021	14	9	5.8/5.9	5.2/5.5 <sup>f</sup>	Required
CE 392	Spring 2021	52	12	5.6/5.7	5.5/5.6 <sup>f</sup>	Required
CE 595	Fall 2021	10	4	6.0/6.0	5.6/5.7 <sup>f</sup>	Required
CE 392	Spring 2022	21	4	5.8/5.8	5.5/5.7 <sup>f</sup>	Required
CE 552	Fall 2022	9	5	6.0/6.0	5.6/5.7 <sup>f</sup>	Elective
CE 392	Spring 2022	17	2	3.5/5.5	5.5/5.7 <sup>f</sup>	Required
CE 499/599	Summer 2023	18	2	6.0/5.5	5.8/5.6 <sup>f</sup>	Elective
CE 595	Fall 2023	12	8	5.7/5.9	5.6/5.7 <sup>f</sup>	Required
CE 392	Spring 2024	26	5	6.0/6.0	5.2/5.5 <sup>f</sup>	Required
CE 554	Fall 2024	16	TBD	TBD/TBD	TBD/TBD	Elective
CE 392	Spring 2025	TBD	TBD	TBD/TBD	TBD/TBD	Required

<sup>a</sup> The course, as a whole, was:

<sup>b</sup> The instructor's contribution to the course was:

<sup>c</sup> Questions scored from, 1 (very poor), 2 (poor), 3 (fair), 4 (good), 5 (very good), 6 (excellent)

<sup>d</sup> Median scores for all graduate classes in the College (COE)

<sup>e</sup> Median scores for all undergraduate classes in the College (COE)

<sup>f</sup> Median scores for all classes in department (CCE)

*Guest Lecturer*

- IE 507 Human Centered Design Seminar; SRS & PPRT Research (50 min, 10 students), Spring 19
- ROB 567 Human Robot Interaction; Autonomous Vehicles (1hr, 9 students), Spring 19
- CE 101 Intro to Civil Engineering; Transportation Lecture (50 min, approx. 150 students), Fall 18

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- CE 101 Intro to Civil Engineering; Transportation Lecture (50 min, approx. 150 students), Fall 17
- IE 507 Human Centered Design Seminar; Ops and Safety (50 min, 10 students), Winter 17
- CE 101 Intro to Civil Engineering; Transportation Lecture (50 min, 150 students), Fall 15
- HC 408: Faculty Panel (45 min, 20 students), Spring 15
- IGERT in Aging Science Seminar (50 min, 10 students), Spring 15
- CE 101 Intro to Civil Engineering; Transportation Lecture (50 min, 167 students), Fall 13
- ENGR 211H Statics (Honors); Transportation Lecture & Sim Tour (50 min, 16 students), Fall 13

### *Non-Credit Courses and Workshops*

- **Instructor**, Research Evaluating Heavy Vehicle Operations in Roundabouts Across Oregon and Washington (Taught 3.0 hrs of lecture to 25 participants), Kiewit Center for Infrastructure and Transportation, Bend, OR, Sept. 4, 2024
- **Instructor**, Human Factors in Roadway Design and Traffic Operations (Taught 3 hrs of lecture to 35 participants), University of Puerto Rico Mayaguez's T2 Center, San Juan, Puerto Rico, Nov 20, 2019
- **Instructor**, Human Factors Seminar: Speed and Speeding (taught 2 hrs of lecture to 35 participants), Kiewit Center for Infrastructure and Transportation, Corvallis, OR, May 7, 2019
- **Instructor**, Human Factors in Roadway Design and Operations (taught 4 hrs of lecture to 35 participants), Kiewit Center for Infrastructure and Transportation, Corvallis, OR, Nov 8-9, 2018
- **Instructor**, Human Factors Seminar: Work Zones (taught 2 hrs of lecture to 12 participants), Kiewit Center for Infrastructure and Transportation, Corvallis, OR, May 08, 2018
- **Instructor**, Human Factors in Roadway Design and Operations (taught 4 hrs of lecture to 35 participants), Kiewit Center for Infrastructure and Transportation, Corvallis, OR, Nov 13-14, 2017
- **Instructor**, Human Factors in Roadway Design and Operations (taught 4 hrs of lecture to 35 participants), Kiewit Center for Infrastructure and Transportation, Corvallis, OR, Dec 19-20, 2016
- **Instructor**, Traffic Engineering Fundamentals: Human Factors and Characteristics (co-taught 1 hr lecture to 35 participants), Kiewit Center for Infrastructure and Transportation, Corvallis, OR, Dec 2011

### *International Teaching*

- **Co-Instructor** (with Dr. Robert Bertini), CE 499/544 Sustainable Mobility in the Netherlands (taught 18 students from 8am to 6pm for 14 days anchored in Delft, Netherlands), June 20-July 5, 2023

### **OSU National Summer Transportation Institute (NSTI)**

The National Summer Transportation Institute (NSTI) Program is an initiative developed by the Federal Highway Administration (FHWA) to introduce underrepresented minority high school students to transportation-related careers via elaborately designed, hands-on learning experiences. The school of civil and Construction Engineering (CCE) delivers a week-long national summer transportation Institute on the OSU campus. Dr. Hurwitz serves as the Director of the program developing the weeklong curriculum managing 4 to 8 instructional staff to deliver the curriculum.

- **Director**, OSU NSTI for 26 rising 9<sup>th</sup>-12<sup>th</sup> grade student, August 5 - 9, 2024
- **Director**, OSU NSTI for 25 rising 9<sup>th</sup>-12<sup>th</sup> grade student, July 17 - 21, 2023
- **Director**, OSU NSTI for 25 rising 9<sup>th</sup>-12<sup>th</sup> grade student, July 25 - 29, 2022
- **Director**, OSU NSTI for 17 rising 9<sup>th</sup>-12<sup>th</sup> grade student, July 26 - 30, 2021
- **Director**, OSU NSTI for 9 rising 9<sup>th</sup>-12<sup>th</sup> grade student, August 17 - 21, 2020



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### ASCE: Excellence in Civil Engineering Education (ExCEEEd)

The ExCEEEd Teaching Workshop is a six-day practicum that provides engineering educators with an opportunity to improve their teaching skills. ASCE has presented this workshop each summer since the early 2000s. Faculty members from across the country and around the world have benefited from this workshop. Acceptance rates for the weeklong program are commonly less than 50% due to the high demand for participation (over 100 applications from professors) and limited capacity (48 slots per year). Workshop mentors are exemplar engineering educators from around the country.

Dr. Hurwitz participated as a student in a mini-ExCEEEd (2 days), the week-long ExCEEEd (6 days), and ExCEEEd II (3 days). Additionally, he helped staff the workshop as an Assistant Mentor for five years and helped manage the program as a member of the ASCE Faculty Development Committee for four years where he helped select the participants and staff, allocated budgets, and reviewed workshop content.

- **Assistant Mentor**, ASCE: ExCEEEd Teaching Workshop, Florida Gulf Coast University, July 2015
- **Assistant Mentor**, ASCE: ExCEEEd Teaching Workshop, United States Military Academy, July 2014
- **Assistant Mentor**, ASCE: ExCEEEd Teaching Workshop, Florida Gulf Coast University, July 2013
- **Assistant Mentor**, ASCE: ExCEEEd Teaching Workshop, Florida Gulf Coast University, June 2012
- **Assistant Mentor**, ASCE: ExCEEEd Teaching Workshop, United States Military Academy, July 2011

### University of Massachusetts Amherst

#### *Credit Courses*

- **Graduate Teaching Assistant**, CEE 510 Public Transportation Systems, Fall 2008
- **Graduate Teaching Assistant**, CEE 516 Transportation Design, Fall 2007
- **Graduate Teaching Assistant**, CEE 450 Highway Location & Geometric Design, Fall 2007
- **Graduate Teaching Assistant**, CEE 121 Engineering Measurements, Spring 2007

#### *Non-Credit Courses and Workshops*

- **Instructor**, Construction Fundamentals: Surveying, Baystate Roads, (co-taught six 8hr-classes), Feb 2009
- **Academic Program Coordinator**, Summer Transportation Institute, July 2007, July 2008
- **Instructor**, Counting Cars: Using Traffic Data to Create Better Projects, Baystate Roads, (co-taught four 8hr-classes), June 2007

## SERVICE ACTIVITIES

### Journal Editorships

- **Inaugural Associate Editor**, *Transportation Research Record Journal of the Transportation Research Board*, 2019-present

### Advisory Boards

- **Member**, Subject Matter Experts Panel, U.S. Fire Administration Project, 2024 - 2025
- **Member**, Project Advisory Board, International Research Centre to Investigate the Effects of Vehicle Automation on Vulnerable Road Users (ICAROS), 2021 - 2024
  - **Attendee**, Annual Project Advisory Board Meeting, The Hague, Netherlands, Nov. 12-17, 2023

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- **Attendee**, Annual Project Advisory Board Meeting, Loughborough, England, Sept. 4-9, 2022

**Peer Review** [bracketed numbers identify the number of reviews performed]

*Proposals*

- Swiss National Science Foundation, 2023
- Israeli Ministry of Innovation, Science and Technology
  - Smart Mobility, transportation infrastructure, and safety, 2023
- Mathematics of Information Technology and Complex Systems (MITACS)
  - Accelerate Umbrella Proposal, 2023, 2024
- University of Massachusetts Amherst, 2022
- University of Sharjah, United Arab Emirates, 2022
- Center for Transportation, Equity, Decisions and Dollars (CTEDD), University of Texas at Arlington, 2022
- National Institute for Congestion Reduction (NICR), University of South Florida, 2021, 2022
- Natural Sciences and Engineering Research Council of Canada (NSERC)
  - Discovery Grant Proposal, 2021, 2022
  - Civil, Industrial and Systems Engineering (EG 1509), 2018, 2019
- Urban Mobility & Equity Center (UMEC), Morgan State University, 2018
- Pacific Northwest Transportation Research Consortium (PacTrans)
  - Small Grants at the University of Idaho, 2018
  - Small Grants at Washington State University, 2017, 2018, 2019
- Transportation Research Center for Livable Communities (TRCLC), Western Michigan University, 2015
- National Center for Transportation Systems Productivity and Management (NCTSPM), Georgia Tech, 2013
- National Institute for Transportation and Communities (NITC), Portland State University, 2012, 2013, 2014, 2015, 2016, 2017, 2021
- Mountain-Plains Consortium (MPC), North Dakota State University, 2012, 2014, 2015
- National Science Foundation (NSF),
  - Review Panelist, 2012, 2017
- Qatar National Research Fund (QNRF)
  - National Priorities Research Program (NPRP), 2014, 2015, 2016
  - Undergraduate Research Experience Program (UREP), 2011, 2012, 2013, 2014, 2019, 2020, 2021, 2022
- Mid-American Transportation Center (MATC), University of Nebraska-Lincoln, 2011, 2013, 2018
- UMass Transportation Center, University of Massachusetts Amherst, 2010, 2011, 2013
- Ohio Transportation Consortium (OTC), University of Akron, 2010
- University Transportation Research Center Region II (UTRC), The City College of New York, 2010, 2015, 2016

*Technical Reports*

- Southeastern Transportation Research, Innovation, Development and Education Center (STRIDE), University of Florida, 2024 [1]
- National Institute for Congestion Reduction (NICR), University of South Florida, 2021 [2], 2024 [1]
- National Institute for Transportation and Communities (NITC), 2019, 2021
- Idaho Department of Transportation, 2015

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- Center for Accessibility and Safe Transportation for an Aging Population, Florida State University, 2015, 2016

*Archival Journals*

- Transportation Research Interdisciplinary Perspectives, 2023 - Present
- International Journal of Natural Disasters, Accidents and Civil Infrastructure (RIDNAIC), 2023 - Present
- ASCE: Journal of Transportation Engineering, Part B: Pavements, 2021 - Present
- International Journal of Engineering Education, 2021 - Present
- Case Studies on Transport Policy, 2021 - Present
- Transport Findings, 2020 - Present
- Travel Behavior and Society, 2020 - Present
- Transportmetrica A: Transport Science, 2018 - Present
- Mechanical Sciences, 2018 - Present
- Transport Policy, 2018 - Present
- Displays, 2018 - Present
- ASCE, Journal of Surveying Engineering, 2017 - present
- IEEE Intelligent Transportation Systems Magazine, 2017 - present
- IET Intelligent Transport Systems, 2017 - present
- International Journal of Injury Control and Safety Promotion, 2017 - present
- International Journal of Adolescent Medicine and Health, 2016 - present
- Advances in Mechanical Engineering, 2016 - present
- Journal of Traffic and Transportation Engineering, 2016 - present
- SoftwareX, 2016 - present
- Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 2016 - present
- Traffic Injury Prevention, 2016 - present
- ITE Journal, 2016 - present
- Safety Science, 2015 - present
- Transportation Research Record Part C: Emerging Technologies, 2015 - present
- Transportation Research Record Part F: Traffic Psychology and Behavior, 2015 - present
- Journal of Engineering Education, 2014 - present
- Human Factors: The Journal of the Human Factors and Ergonomics Society, 2014 - present
- Journal of Advanced Transportation, 2014 - present
- International Journal of Transportation, 2013 - present
- Simulation Modeling Practice and Theory, 2013 - present
- IEEE Transactions on Systems, Man, and Cybernetics Part A: Systems and Humans, 2012 - present
- Engineering Management Journal, 2012 - present
- Accident Analysis and Prevention, 2011 - present
- Environmental Modeling & Software, 2011 - present
- ASCE: Journal of Professional Issues in Engineering Education and Practice, 2011 - present
- ASCE: Journal of Transportation Engineering, Part A: Systems, 2010 - present
- Injury Prevention, 2010 - present
- Journal of Transportation Safety & Security, 2009 - present

*Books*

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- Book proposal titled, “Perceptual Fidelity in Virtual Environments: A Paradigm for the Design of Vehicle Simulators” by Alfred T. Lee, CRC Press – Taylor & Francis Group, LLC, 2017
- Book proposal titled, “Fundamentals of Math, Science, and Statistics for Aspiring Transportation Professionals” by Anurag Pande and Robert Bertini for Elsevier, 2016
- Traffic Engineering, Fourth Edition by Roger Roess, Elena Prassas, and William McShane, March 2014
- Operational, Analysis, and Design of Signalized Intersections by Michael Kyte and Maria Tribelhorn, January 2014
- Transportation, Statistics, Construction, & Computations Tools Section of the FE Civil Review by Professional Publications, Inc., November 2013
- Traffic Study Manual: The Insider’s Guide to Studying the Traffic Impacts of a Proposed Development, Version 1.0 by Mike Spack and Bryant Ficek, October 2013
- Traffic Signal Systems Operations and Design *Activity-Based Learning* by Michael Kyte and Tom Urbanik, 2012
- Traffic & Highway Engineering, 4<sup>th</sup> Edition by Garber & Hoel by Cengage Learning, May 2011
- Transportation Section of the Civil PE Sample Examination by professional Publications, Inc., July 2010

### *Conferences*

- Institute of Transportation Engineers Annual Meeting, 2018
- International Cycling Safety Conference (ICSC), 2017, 2018, 2019
- ASEE PNW Section Annual Conference, 2017
- Human Factors and Ergonomics Society (HFES) Annual Meeting, 2014
- ASEE Annual Conference & Exposition, 2012, 2013, 2018
- International Conference of Road Safety and Simulation, 2011, 2015
- International Driving Symposium on Human Factors in Driver Assessment, Training and Vehicle Design, 2011, 2013, 2015, 2018
- Transportation Research Board Annual Meeting, 2010 - Present

### **Conference and Session Leadership**

#### *Conferences Organized*

- **Member**, Organizing Committee, AAA Foundation Safety Mobility Conference, April 7-9, Madison, WI
- **Member**, Steering Committee, ITE Transportation Educators Workshop, July, 2024
- **Member**, Steering Committee, Virtual PNW ASEE Section Conference, March 2021
- **Chair, Member**, Conference Organizing Committee, Use of Driving Simulators to Evaluate Behaviors of Drivers: Measures and Countermeasures at Tongji University in *Shanghai, China*, October 2019
- **Member**, Steering Committee, PNW ASEE Section Conference in *Corvallis, Oregon*, March 2019
- **Member**, Conference Organizing Committee, 3<sup>rd</sup> Transportation Engineering Educator’s Workshop (TEEW) in *Auburn, Alabama*, May 2018
- **Advisor**, Planning Committee, 5<sup>th</sup> Annual Western District Student Leadership Summit (over 127 students from 25 universities participated) in *Corvallis, Oregon*, Jan 2018
- **Member**, Steering Committee, PNW ASEE Section Conference in *Seattle, Washington*, March 2017
- **Member**, Steering Committee, PNW ASEE Section Conference in *Boise, Idaho*, March 2016

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- **Chair**, Conference Organizing Committee, PacTrans Region 10 Transportation Conference in *Seattle, Washington*, October 2015
- **Member**, Conference Organizing Committee, PacTrans Region 10 Transportation Conference in *Seattle, Washington*, October 2014
- **Member**, Steering Committee, Northwest Transportation Conference in *Corvallis, Oregon*, February 2014, March 2016, March 2018, March 2020, March 2022, March 2024
- **Chair**, Conference Organizing Committee, 2<sup>nd</sup> Transportation Engineering Educator's Workshop (TEEW) in *Seattle, Washington*, July 2012

*Sessions Organized and Moderated*

- **Organizer and Moderator**, Session 1014: Running Human Participants in Laboratory Experiments: The Challenges in the Coronaverse, Transportation Research Board 100<sup>th</sup> Virtual Annual Meeting (84 unique logins), 2021
- **Moderator**, What's New in Trip Generation, Virtual ITE Annual Meeting and Exhibition, August 2020
- **Moderator**, Day 2, Use of Driving Simulators to Evaluate Behaviors of Drivers: Measures and Countermeasures at Tongji University in *Shanghai, China*, October 2019
- **Member**, ASCE International Conference on Transportation & Development (ICTD2019) Emerging Technologies Task Committee, June 2019
- **Moderator**, Panel on Leadership in Transportation, 5<sup>th</sup> Annual Western District Student Leadership Summit, in *Corvallis, Oregon*, January 2018
- **Organizer**, ITE Webinar, Evidence Based Instructional Practice: Introduction to Transportation Engineering, (55 unique logins), December 2017
- **Moderator**, Session 4D Technology – Innovative Testing, Mid-Continent Transportation Research Symposium at Iowa State University, Ames, Iowa, August 2017
- **Moderator**, Spotlight Session VII: Technology Frontiers, 17<sup>th</sup> COTA International Conference of Transportation Professionals CICTP 2017 at Tongji University, Shanghai, China, July 2017
- **Moderator**, Poster Session 400: Simulation and Measurement of Vehicle and Operator Behavior, Transportation Research Board 96<sup>th</sup> Annual Meeting in *Washington, D.C.*, January 2017
- **Co-Moderator**, Infrastructure and Bicycles, 10<sup>th</sup> University Transportation Center Spotlight Conference: Pedestrian and Bicycle Safety in *Washington, D.C.*, December 2016
- **Moderator**, Innovations in ROW Design, Northwest Transportation Conference in *Corvallis, OR*, March 2016
- **Moderator**, AND30 Poster Session, Transportation Research Board 95<sup>th</sup> Annual Meeting in *Washington, D.C.*, January 2016
- **Organizer and Moderator**, Hybrid Poster Session (31 participants) PacTrans 2015 Region 10 Transportation Conference in *Seattle, Washington*, October 2015
- **Moderator**, Spotlight Session V: Traffic Operations and Safety (5 speakers), 15<sup>th</sup> COTA International Conference of Transportation Professionals (CICTP 2015) in *Beijing, China*, July 2015
- **Moderator**, Safe User Breakout Session (5 speakers), PacTrans 2015 Safety Workshop in *Seattle, Washington*, May 2015
- **Organizer and Moderator**, Hybrid Poster Session (28 participants), PacTrans 2014 Region 10 Transportation Conference in *Seattle, Washington*, October 2014
- **Organizer**, Frontiers in Human Factors Research, 3<sup>rd</sup> Annual Oregon Transportation Summit in *Portland, Oregon*, Sept 2011

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- **Moderator**, Session 6C Transit Planning, Operations, and Design II, Western District ITE Annual Meeting in *Anchorage, Alaska*, July 2011

**Professional Membership and Leadership**

- TRB Standing Committee on Traffic Control Device Committee (ACP55)
  - **Secretary**, 2014 - 2022
  - **Member**, 2011 - 2022
- TRB Standing Committee on Road User Measurement and Evaluation (ACH50)
  - **Chair**, 2022 - Present
  - **Secretary**, 2015 - 2022
  - **Paper Review Coordinator**, 2014 - 2021
    - Responsible for managing the reviews of approximately 40 papers requiring a minimum of 3 reviews each per year. Up to 60% of submitted manuscripts can be accepted for inclusion in the conference proceedings and up to 21% of submitted manuscripts can be published in the Transportation Research Record. To date, Dr. Hurwitz has been responsible for managing 200 manuscripts.
  - **Member**, 2010 - Present
- Institute of Transportation Engineers (ITE)
  - International
    - **Member**, Student to Younger Member (S2YM) Task Force, 2020 - 2021
    - **Member**, Professional Development Strategic Planning Task Force, 2019 - 2021
    - **Immediate Past Chair**, Education Council, 2023 - Present
    - **Chair**, Education Council, 2020 - 2022
    - **Vice Chair**, Education Council, 2017 - 2019
    - **Executive Committee Member**, Education Council, 2010 - 2017, 2023 - 2024
    - **Member**, ITE Student Chapter Committee, 2014 - 2016
    - **ITE Reviewer**, MUTCD, 2013 - 2014
    - **Education Council Liaison**, Traffic Engineering Council, 2011 - 2015
    - **Member**, Climate and Energy Task Force, 2010 - 2011
  - Section
    - **Secretary/Treasurer**, GOITE, 2014 - 2016
    - **Webmaster**, ORITE, 2012 - 2014
  - Chapter
    - **Advisor**, OSU ITE Student Chapter, 2012 - Present
    - **President**, UMass Amherst ITE Student Chapter, 2008 - 2009
    - **Vice President**, UMass Amherst ITE Student Chapter, 2007
    - **Consultant Liaison**, UMass Amherst ITE Student Chapter, 2007
  - **Fellow**, 2019 - Present
  - **Member**, 2004 - 2019
- American Society of Civil Engineers (ASCE)
  - International
    - **Participant**, Legislative Fly-in, 2019, 2021, 2023, 2024
      - Attend a 3-day event in Washington, D.C. training to advance ASCE legislative policy initiatives through direct and indirect interactions with elected officials and their staff members. Contribute to in-person meetings with legislators and their staff members.
    - **Past Chair**, Committee on Faculty Development (CFD), 2017 - 2018
    - **Chair**, CFD, 2016 - 2017

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- **Secretary**, CFD, 2015 - 2016
- **Member**, CFD, 2014 - 2015
- **Member**, 2021 - Present
- **Associate Member**, 2007 - 2021
- American Society for Engineering Education (ASEE)
  - Pacific Northwest Section
    - **Awards Chair**, PNW ASEE, 2021 - 2022
    - **Past Chair**, PNW ASEE, 2021 - Present
    - **Chair**, PNW ASEE, 2019 - 2021
    - **Vice Chair**, PNW ASEE, 2017 - 2019
    - **Secretary**, PNW ASEE, 2013 - 2017
  - **Member**, 2010 - Present
- WTS International
  - **Member**, 2020 - Present
- Society of Women Engineers (SWE)
  - **Member**, 2020 - Present
- Association of Pedestrian and Bicycle Professionals (APBP)
  - **Member**, 2021 - Present
- Oregon Young Employee Safety
  - **Member**, 2013 - 2014
- Federal Highway Administration
  - **Member**, Peer Working Group, Review FHWA Proposed Model Curriculum, "Performance-Based Approach for Managing and Operating our Transportation System", 2017
- Oregon Department of Transportation
  - **Member**, Oregon Traffic Control Devices Committee (OTCDC) Part 4 – Signals Subcommittee, 2024
  - **Member**, Oregon Traffic Control Devices Committee (OTCDC) Part 9 – Bicycles Subcommittee, 2024
  - **Member**, Traffic Safety and Human Factors Expert Task Group (ETG), 2023 - Present
  - **Member**, Human Interactions with the Transportation System Expert Task Group (ETG), 2019 - 2023
  - **Member**, Work Zone Executive Strategy Session, OSU Representative 2016 - 2019

**Oregon State University Service**

*OSU Faculty Senate*

- **Faculty Senator**, College of Engineering, 2021, 2022, 2023
- **Faculty Senator**, College of Engineering, December 2020

*OSU Standing Committees*

- **Member**, Academic Regulations Committee, 2018 - 2021

*COE Ad-Hoc Committees*

- **Member**, Grant Support in CCE Search Committee, 2022
- **Member**, COE AD Marketing Communications Search Committee, 2015

*COE Other Activities*

- **Representative**, CUTC Summer Meeting, June 2022

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- **Faculty panelist**, STEM Leaders Workshop, April 2016
- **Judge**, Graduate Student Expo, 2015
- **Representative**, Council of University Transportation Centers (CUTC), 2014 - 2016
- **Representative**, CUTC Summer Meeting, June 2011

*University Honors College*

- **Faculty Panel**, HC Parent Leadership Circle Meeting, January, 2020
- **Faculty Panel**, OSU Cascades Mentor Session for Students, February 2018
- **Judge**, HC Thesis Fair, May 2014, May 2015, May 2016, May 2017, May 2018

*CCE Standing Committees*

- **Member**, Graduate Committee, 2024 - 2025
- **Member**, Diversity, Equity, and Inclusion Do Group, 2023
- **Member**, Awards Committee, 2020 - 2021, 2021 - 2022, 2022 - 2023
- **Member**, Standing Instructor Search Committee, 2019 – 2021, 2024-2025
- **Chair**, Emergency Instructor Search Committee, 2016 - 2017
- **Member**, Peer Teaching Evaluation Committee, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020
  - Peer Teaching Evaluations Conducted, 2015 [1], 2016 [4], 2017 [1], 2018 [4], 2019 [1], 2020 [1]
  - For each peer review, Dr. Hurwitz attended one lecture, reviewed the course syllabus, meet with the instructor to debrief on the observations made, and drafted a letter describing the observations and recommendations to the Chair of the peer teaching evaluation committee.
- **Member**, Graduate Committee, 2011 - 2012, 2012 - 2013, 2014 - 2015
  - **Chair**, Sub-Committee on Funding, Fellowships, and UGLBG, Chair, 2012 - 2013
- **Member**, Curriculum Committee, 2009 - 2010, 2010 - 2011

*CCE Ad-Hoc Committees*

- **Member**, Transportation Engineering Assistant Professor Search Committee, 2024
- **Member**, Geomatics Engineering Assistant Professor Search Committee, 2024
- **Member**, Geomatics Engineering Faculty Search Committee, 2024
- **Member**, CCE 1st Yr Cohorts, 2022 - 2023
- **Topic Expert**, Promotion Committee, 2022
- **Chair**, Promotion Committee, 2021
- **Member**, CCE 1st Yr Cohorts, 2018 - 2019
- **At Large Member**, Instructor Promotion Committee, 2018 - 2019
- **Member**, Graduate Seminar 2.0 Planning Committee, 2018
- **Chair**, Academic Advisor Search Committee, 2017 - 2018
- **Topic Expert**, Promotion and Tenure Committee, 2017 - 2018
- **Judge**, Graduate Research Showcase, 2017
- **Member**, Head Academic Advisor Search Committee, 2016 – 2017
- **Chair**, Geomatics Faculty Search Committee, 2016 - 2017
- **Member**, Strategic Committee, 2015 - 2016
- **Judge**, Graduate Student Expo, 2014
- **Member**, Public Information Representative Search Committee, 2013
- **Member**, Open Access Laboratory Committee, 2012 - 2013
- **Member**, Transportation Engineering Faculty Search Committee, 2012 - 2013



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- **Member**, Transportation Engineering Faculty Search Committee, 2011 - 2012
- **Member**, Interim School Head of CCE Search Committee, 2011
- **Member**, Honor Code Committee, 2010 - 2011

*CCE Other Leadership Activities*

- **CCE P&T Case Coordinator**, 2024 - 2025
- **Group Coordinator (GC)**, Transportation Engineering, 2024 - 2025
- **Point-of-contact (POC)**, Transportation Engineering, 2024
- **Mentor**, CCE Assistant Professor, 2022
- **Point-of-contact (POC)**, Driving and Bicycling Research Laboratory, 2012 - 2016
- **Group Coordinator (GC)**, Transportation Engineering Group, 2011 - 2015
- **OSU Representative**, PacTrans Board of Directors Summer Meeting, Sept 2015
- **OSU Representative**, PacTrans Board of Directors Winter Meeting, Feb 2015
- **OSU Representative**, PacTrans Board of Directors Summer Meeting, Sept 2014
- **Transportation Representative**, Annual Graduate School Forum, Nov 2011

*Driving Simulator Tours Hosted*

1. CE552 Driving Simulation [16], October 2024
2. CCE Welcome Event [20], October 2024
3. Dr. Nicholas Ferencak, Associate Professor, University of New Mexico, September 2024
4. Dr. Ashleigh Filtner, Professor, Loughborough University, UK, July 2024
5. INTO OSU [12], March 2024
6. Kayla Felskes, PE, Transportation Engineer, DKS, February 2024
7. Dr. Michael Knodler, Associate Dean, UMass Amherst, February 2024
8. CCE Oregon Staters Awardee [1], November 2023
9. INTO OSU [8], October 2023
10. CCE Welcome Event [15], October 2023
11. NHTSA Human Factors Group [4], September 2023
12. OSU Summer Transportation Institute [23], July 2023
13. OSU Board of Trustees [50], June 2023
14. Oregon ITE Technical Meeting [10], March 2023
15. Guard [2], March 2023
16. Congresswoman Val Hoyle [5], February 2023
17. Montana State Student [1], December 2022
18. CCE Welcome Event [4], October 2022
19. ODOT & PSU [2], August 2022
20. Alumni [1], August 2022
21. OSU NSTI [25], July 2022
22. ASCE President [5], May 2022
23. Coral Sales Company [2], December 2021
24. City of Portland [4], March 2020
25. NWTC [10], March 2020
26. FAA ASSURE Center [9], March 2020
27. US House Transportation and Infrastructure Committee [1], August 2019
28. ODOT Traffic Safety Division [4], August 2019
29. ANSYS, Dr. Gustavo Montoya [1], August 2019
30. Congressman Peter DeFazio [15], June 2019

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31. Benson Polytechnic High School [6], May 2019
32. Jesse Fittipaldi, Vice President of Arcimoto [1], May 2019
33. City of Corvallis [1], May 2019
34. College of Engineering Deans from BYU and UVU, and Clyde Companies [5], April 2019
35. CCE Graduate Recruiting Weekend [20], March 2019
36. Oregon Association of County Engineers & Surveyors (OACES) [5], February 2019
37. Tesla [8], February 2019
38. Rebecca Sanders, Assistant Research Professor, Arizona State University [1], February 2019
39. Oregon Work Zone Executive Strategy Session Committee [35], December 2018
40. Jennifer Rosales, CCE IAB Member [1], October 2018
41. Randy McCourt, OSU Alumni Fellow [1], October 2018
42. Shijiazhuang Tiedao University [6], August 2018
43. Cole Kopca, PacTrans Assistant Director & Doug Cobb, ToXcel Engineer [2], July 2018
44. E-Camp led by Skip Rochefort [35], July 2018
45. Cole Fitzpatrick, Assistant Research Professor, University of Massachusetts Amherst [1], May 2018
46. Jorge Serrador, Associate Professor, Rutgers University [1], May 2018
47. HFES Student Chapter, [10], May 2018
48. Faculty, University of Idaho [3], March 2018
49. PhD Student, UO [1], April 2018
50. Michael O'Halloran, CH2M [1], March 2018
51. CCE Graduate Recruiting [15], February 2018
52. ODOT employees [10], February 2018
53. ITE Western District Student Leadership Summit [35], January 2018
54. Chris Cherry, Associate Professor, University of Tennessee-Knoxville, December 2017
55. Professors from NAU and PSU October 2017
56. SURF Program [20], July 2017
57. SAIF [5], July 2017
58. OSU Commencement Speaker [1], June 2017
59. Oregon State Board of Examiners for Engineering and Land Surveying (OSBEELS) [10], May 2017
60. Stephen Fickas, Professor, Department of Computer and Information Science, UO [1], May 2017
61. Raffaele de Amicis, EECS Associate Professor at OSU [1], May 2017
62. Rhonda Young, Professor at Gonzaga University [1], March 2017
63. CCE Graduate Recruiting Weekend [20], March 2017
64. Marketing and Communications Personnel from OSU, [2], February 2017
65. Chris Monsere, Chair, Civil and Environmental Engineering at PSU, [1], February 2017
66. High school guidance counselors [17], June 2015
67. Engineering Expo [117], May 2015
68. Dr. Carlos Jensen [1], May 2015
69. Pilot Car Association [2], April 2015
70. PSU Graduate Students [2], April 2015
71. MDU/Knife River [10], April 2015
72. OSU Gerontology Conference [11], April 2015
73. Elementary School Class [14], March 2015
74. Civil & Construction Engineering Graduate Recruitment [5], March 2015
75. Good Samaritan, Orthopedic Surgeons [2], February 2015
76. GO-ITE / OSU ITE Student Chapter Annual Meeting [20], February 2015
77. PSY 599 [25], February 2015
78. NAU Faculty Member [1], February 2015

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79. SensoMontoric Instruments (SMI) [1], February 2015
80. Engineering and Technology Industry Council (ETIC) [10], December 2014
81. OSU Government Relations [1], December 2014
82. CCE School Head Candidate [1], December 2014
83. CCE School Head Candidate [1], December 2014
84. CCE School Head Candidate [1], November 2014
85. Oxford Press [1], October 2014
86. Design to Pave [8], July 2014
87. OSU STI [26], June 2014
88. LBCC students [3], May 2014
89. Engineering EXPO [112], May 2014
90. JE DUNN Construction [2], May 2014
91. PSY 599 [25], May 2014
92. CE 392 [47], May 2014
93. HOME Youth Center [9], April 2014
94. Faculty from UC Berkley [4], April 2014
95. High school freshman [7], April 2014
96. COE Staff [2], March 2014
97. Civil & Construction Engineering Graduate Recruitment [20], March 2014
98. CH2M Hill [1] Feb 2014
99. Oregon Stater Awardees [2] Feb 2014
100. Engineers from DKS Associates [3] Feb 2014
101. High School Students [3] Jan 2014
102. O[yes] [8] Nov 2013
103. UHC Statics [16], Nov 2013
104. Oregon Tech Students [10] Nov 2013
105. Chi Epsilon Regional Meeting [10], Oct 2013
106. Dick Smith & Family [5], Sept 2013
107. Intel Engineering Summer Scholars Bridge Program [33], Sept 2013
108. Physio Media [2] September 2013
109. OSU Institutional Review Board (IRB) [9], August 2013
110. ODOT Transportation Engineers [8], August 2013
111. Visiting Faculty Members from Seoul University [7], August 2013
112. Travel Oregon [5], July 2013
113. OSU Foundation Senior Director of Development [1], July 2013
114. Motor Trend, Epic Drives [3], June 2013
115. ODOT Engineer, Alex Bettinardi [1], April 2013
116. Staff for Congresswoman Suzanne Bonamici [1], March 2013
117. ODOT Research, Director [2], March 2013
118. Civil & Construction Engineering Graduate Recruitment [25], March 2013
119. Oregon Staters Award Winners [12], Feb 2013
120. Dr. Gene Hawkins from Texas A&M University [1], Feb 2013
121. OSU Professor Seunghae Lee [1], Feb 2013
122. ODOT Research, Linda Cornell [1], Jan 2013
123. Hoffman Construction [2], Dec 2012
124. OSU Professors Dan Cox & Andre Barbosa [2], Oct 2012
125. PSU Graduate Students [2], Oct 2012
126. Don Ballyntine, Degenkolb Inc. [1], Sept 2012

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127. Associate Administrator of RITA Dr. Kevin Womack [1], Sept 2012
128. Western Region Sun Grant USDOT Site Visit [8], Sept 2012
129. Intel Engineering Summer Scholars Bridge Program [30], Sept 2012
130. OSU College of Engineering Dean [1], Aug 2012
131. PSU Graduate Students [4], Aug 2012
132. FHWA's Oregon Office [12], May 2012
133. OSU Foundation [1], Feb 2012
134. Advocates for Women in Science, Engineering, and Math (AWSEM) [~25 hs girls], Feb 2012
135. AWSEM [~25 middle school girls], Feb 2012
136. Oregon Stater Awardees [12], Feb 2012
137. Linn-Benton Community College Drivers Education Class [20], Nov 2011
138. TransPort Technical Advisory Committee [10], Oct 2011
139. Drs. Boyle & Yin Hai from the University of Washington [2], Sept 2011
140. Staff for Senator Jeff Merkley [3], Aug 2011
141. Oregon Transportation Commission [15], July 2011
142. TRB & NCHRP Representatives [2], July 2011
143. Congressman Peter DeFazio [3], May 2011
144. Staff of Congressman David Wu [2], May 2011
145. Oregon Transportation Research & Education Consortium Administrative Staff [2], March 2011
146. Civil & Construction Engineering Graduate Recruitment [50], March 2011
147. Civil & Construction Engineering Industrial Advisory Board [15], Oct 2011

### Public Service

- **Member**, Biden-Harris Policy Volunteer, 2020
- **Invited Presentation**, "Right-Hook Crash Causality in Oregon," Corvallis Right of Way (CROW) group meeting, March 2016
- **Invited Presentation**, "One Oregonian's Experiences Traveling in China," Sandcastle Preschool, Feb 2016

### CONSULTING ACTIVITIES

- **Expert Witness**, Transportation Human Factors, Advocates Law Group, Seattle, WA, 2016
- **Expert Witness**, Transportation Human Factors, Luvera Law Firm, Seattle, WA, 2016
- **Expert Witness**, Transportation Human Factors, Hermes Law, P.C., Dallas, Texas, 2015
- **Consultant**, ATM Sign Design, David Evans and Associates, Portland, OR, 2015

### RESEARCH MEDIA COVERAGE

#### *Television*

1. Surprising research results show benefits of rolling-stops on bicycles, Central Oregon daily News, August 27, 2024 [\[Link\]](#)
2. Motor Trends Epic Drives, August, 12, 2013 (min 3:44 to min 6:12)[\[Link\]](#)
3. OSU Study finds 'permitted' left turns put lives at risk, KGW NEWSCHANNEL 8 PORTLAND, April 30, 2013 [\[Link\]](#)
4. Left hand turn, Discovery Channel Canada, April 5, 2013 [\[Link\]](#)
5. Left hand turn concerns, KMTR News Source 16, April 4, 2013 [\[Link\]](#)
6. Study: Drivers making left turns often don't see pedestrians, KVAL News 13, April 5, 2013 [\[Link\]](#)
7. What do you do when you see yellow?, KVAL News 13, March 30, 2012 [\[Link\]](#)
8. Slow down and stop...or speed up?, KMTR News Source 16, March 20, 2012 [\[Link\]](#)

*Radio*

1. Peace on the roads: Car and bike coexistence, Oregon On The Record, September 11, 2024 [\[Link\]](#)
2. Bicycle Rolling-Stop Laws Work, 1190 KEX News Radio, August 27, 2024 [\[Link\]](#)
3. Walk at Your Own Risk: The Disturbing Rise in Pedestrian Fatalities, NPR KLCC, July 21, 2023 [\[Link\]](#)
4. How can we make Minnesota's roads safer? MPR News with Angela Davis, September 27, 2022 [\[Link\]](#)
5. Engineering Out Loud, Season 2, Episode 2: By Air & By Land, Oregon State University, College of Engineering, March, 1, 2017 [\[Link\]](#)
6. Higher Speed Limits Mean Fewer Places to Pass on Oregon Highways, Boise State Public Radio, September 18, 2015 [\[Link\]](#)
7. Distracted Teen Drivers, Radio Health Journal, May, 3, 2015 [\[Link\]](#)
8. Doug McIntyre Show –Morning Drive news talk on Kabc Radio (AM760 in Los Angeles and Orange County, CA March, 20, 2015 [Audio available upon request])
9. Bridge-gate aside, traffic studies do not stop, NPR Marketplace, January 13, 2014 [\[Link\]](#)
10. Left Turns Are a Pedestrian Hazard, Study Finds, KQED (NPR affiliate), April 4, 2013 [\[Link\]](#)

*Print*

1. Bicycle 'rolling stop' laws don't lead to unsafe behavior by riders or motorists, OSU research shows, ktvz.com, August 26, 2024 [\[Link\]](#)
2. Allowing bicyclists to roll through stop signs doesn't reduce safety, researchers say, Oregonlive, August 26, 2024 [\[Link\]](#)
3. A million-and-a-half cyclists, 67 turnouts, 10 years: How Mt. Diablo embraced safety and made history, The Mercury News, August 26, 2024 [\[Link\]](#)
4. How Green Paint Can Save Cyclist's Lives, Bicycling, December 1, 2022 [\[Link\]](#)
5. In bicycle simulator lab, bike boxes emerge as safest intersection treatment, bikeportland.org, November 3, 2022 [\[Link\]](#)
6. 3 Key Changes Could Make Roads Safer for Older Pedestrians, HealthyDay, July 22, 2022, [\[Link\]](#)
7. Research helps improve safety for those who walk and roll, July 28, 2021, [\[Link\]](#)
8. 2021's Best & Worst States for Teen Drivers, WalletHub, June, 29, 2021 [\[Link\]](#)
9. Experts tackle design considerations for urban delivery needs, Transport Topics, February 16, 2021 [\[Link\]](#)
10. Denver's plan for bicycles is moving faster, but it could still take 18 years, The Denver Post, August 2, 2019 [\[Link\]](#)
11. A man died on Idaho 44. Police have been warning traffic engineers about the road for years. Idaho Statesman, June 19, 2019 [\[Link\]](#)
12. DeFazio talks transportation with UO students and researchers, AroundtheO, April 29, 2019 [\[Link\]](#)
13. Cheap Car Insurance in 2019, WalletHub, April 8, 2019 [\[Link\]](#)
14. Celebrating 20 Years of Project ExCEED – An Oral History, ASCE News, December, 13, 2018 [\[Link\]](#)
15. This Denver cyclist did everything right, and then he was paralyzed, Denverite, July, 23, 2018 [\[Link\]](#)
16. Will expanding I-5 relieve congestion? Freight industry says yes, Oregon Business, November 7, 2017 [\[Link\]](#)
17. Think Too Much: Gaining some time at the stoplight, Gazette Times, November 05, 2017 [\[Link\]](#)
18. Traffic signal countdown timers lead to improved driver responses, Science Daily, October 31, 2017 [\[Link\]](#)

19. Traffic signal countdown timers lead to improved driver responses, Phys.org, October 31, 2017 [\[Link\]](#)
20. Amazon's Alexa to hit the road: a safer or more dangerous driving experience?, The Christian Science Monitor, January 5, 2017 [\[Link\]](#)
21. Thought Leaders Forum, Portland Business Journal, November 9, 2016 [\[Link\]](#)
22. 2016's Best & Worst Cities for Driving, Wallethub.com, July 2016 [\[Link\]](#)
23. Deadly crash intensifies push for changes at Bethesda intersection, Washington Post.com, March 3, 2016 [\[Link\]](#)
24. Parents of 13-Year-Old Killed in Car Crash Share Powerful Message About Distracted Driving, Yahoo Parenting, August 6, 2015 [\[Link\]](#)
25. Distracted drivers just lucky they haven't killed someone, advocate says, Desert News, June 30, 2015 [\[Link\]](#)
26. 2015's Best and Worst States for Teen Drivers, Wallet Hub, June 10, 2015 [\[Link\]](#)
27. Study: Teens Change Clothes, Do Homework While Driving, The Onion, March 23, 2015 [\[Link\]](#)
28. Gridlock Guy: Mobile devices just one form of distracted driving, Atlanta Journal-Constitution, March 22, 2015 [\[Link\]](#)
29. Beyond Texting: What Teens Really do Behind the Wheel, Yahoo Parenting, March 20, 2015 [\[Link\]](#)
30. Drivers are more distracted than ever before, Daily Mail.com, March 18, 2015 [\[Link\]](#)
31. Teens say the change clothes and do homework while driving, NPR, March 18, 2015 [\[Link\]](#)
32. Distracted driving'at an all-time high; new approaches needed, Phys.org, March 17, 2015 [\[Link\]](#)
33. 6 Intersection Designs That Actually Prioritize Pedestrians, Next City, October 17, 2014 [\[Link\]](#)
34. Demystifying Driving's Dilemma Zone, Livescience, February 5, 2014 [\[Link\]](#)
35. OTREC Research Revitalizes Transportation Curriculum, OTREC, February 5, 2014 [\[Link\]](#)
36. 3, 2, 1...STOP WALKING, Portland Tribune, August 1, 2013 [\[Link\]](#)
37. Taking left turns for the worse, The Daily Barometer, May 9, 2013 [\[Link\]](#)
38. The Flashing Yellow Turn Signal: Good for Drivers, Bad for Pedestrians, The Atlantic Cities, May 1, 2013 [\[Link\]](#)
39. Study Finds Protected Left Turns Much Safer for Pedestrians than Permitted Left Turns, The Urban Transportation Monitor, Volume 27, No. 3, April 26, 2013 [\[Link\]](#)
40. Oregon traffic study: Widespread use of flashing yellow arrows poses risks to pedestrians, The Oregonian, April 25, 2013 [\[Link\]](#)
41. Study: Many drivers unaware of pedestrians in crosswalks, Bay News 9, April, 2013 [\[Link\]](#)
42. Getting There: STA unveils plans to fix crowded corridors, The Spokesman-Review, April 15, 2013 [\[Link\]](#)
43. Pedestrian Safety: Walk this way, Daily Journal of Commerce Oregon, April 11, 2013 [\[Link\]](#)
44. Study: Left Turns are Harmful – For Pedestrians, CBS Seattle, April 5, 2013 [\[Link\]](#)
45. Drivers Making 'Permitted' Left Turns Often Hit Pedestrians, Even in Crosswalks, medicaldaily.com, April 4, 2013 [\[Link\]](#)
46. Study: Too Many Drivers Fail to Look for Pedestrians When Turning Left, DC.STREETSBLOG.org, April 4, 2013 [\[Link\]](#)
47. Marked U.S. crosswalks are accident prone, UPI.com, April 4, 2013 [\[Link\]](#)
48. The Latest Bleak Evidence That Crossing the Street Is Hazardous to Your Health, The Atlantic Cities, April 3, 2013 [\[Link\]](#)
49. Pedestrians at serious risk when drivers are 'permitted' to turn left, study says, Phys.org, April 2, 2013 [\[Link\]](#)
50. Pedestrians at Serious Risk When Drivers Are permitted to Turn Left, Science Daily, April 2, 2013 [\[Link\]](#)

51. Seniors at risk from drivers making left turns watching only traffic signals, Examiner.com, April 2, 2013 [\[Link\]](#)
52. St. Pete to consider lengthening yellow lights at intersections, The Tampa Tribune, April 1, 2013 [\[Link\]](#)
53. How the New Mobile LiDAR Guidelines Will Drive LiDAR Adoption, March 14, 2013 [\[Link\]](#)
54. OSU Driving and Bicycling Simulator Provides Cutting edge Means to Improve Safety, streetwise, March 5, 2013 [\[Link\]](#)
55. Never Get in a Car Crash Again, Men's Health Magazine, March 21, 2012 [\[Link\]](#)
56. The Quest for Safer Intersections, The Atlantic Cities, March 16, 2012 [\[Link\]](#)
57. Stop? Go? States shape dilemma of yellow light, The Columbian, April 6, 2012 [\[Link\]](#)
58. OSU researcher: 'Dilemma zone' causes wrecks, Corvallis Gazette-Times, March 16, 2012 [\[Link\]](#)
59. Yellow lights: Speed up or hit the brakes?, WTOP.com, March 16, 2012 [\[Link\]](#)
60. New research to precisely identify the 'dilemma zone' at traffic stoplights, News Medical.net, March 15, 2012 [\[Link\]](#)
61. Returning from the 'Twilight Zone' of traffic, WTOP.com, March 14, 2012 [\[Link\]](#)
62. OSU Study Looks at Yellow-Light 'Dilemma Zone', KTVZ.com, March 14, 2012 [\[Link\]](#)
63. Traffic Intersection Study Pinpoints Stoplight Danger Zone, Science Business, March 14, 2012 [\[Link\]](#)
64. A look inside Oregon State's bicycling and driving simulator laboratory, PikePortland.org, October 19, 2011 [\[Link\]](#)
65. Study Highlights Benefits of Advanced Detection, Pulse Magazine, Fall, 2008 [\[Link\]](#)