

# 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>Associate Director at Oregon State University,</b> Pacific Northwest Transportation Consortium (PacTrans)	2016 - Present
<b>Director,</b> OSU Driving and Bicycling Simulator Laboratory	2016 - Present
<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>College of Engineering Outstanding Young Alumni Award, UMass Amherst</b>	2022
<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,</b> <i>Institute of Transportation Engineers</i>	2021

**David S. Hurwitz**

10/06/2022

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

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

**Refereed Journal Publications**

1. Wyman, A.\*, Breuer, L.\*, & **Hurwitz, D.** (In Press) A Behavioral Approach to Improving Pedestrian Infrastructure at Intersections," *Advances in Transportation Studies and international Journal*, Special Issue, Vol. 3, 7-20.

2. 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](#)].
3. 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](#)]. [**Highest Publication Score Award, TRB Committee ACH20**]
4. 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](#)].
5. 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](#)].
6. 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](#)].
7. 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](#)]
8. 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](#)]
9. 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](#)]
10. 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](#)]
11. 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](#)]
12. 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](#)]
13. 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](#)]
14. 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](#)]
15. 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](#)]
16. 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**]

17. 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](#)]
18. 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](#)]
19. 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](#)]
20. 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](#)]
21. 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. [**Outstanding Technical Paper Award 2020, ITE Western District; 4<sup>th</sup> most downloaded article in 2020**] [[Link](#)]
22. 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](#)]
23. 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 ExCEEEd Teaching Workshop: Assessing 20 Years of Instructional Development," *International Journal of Engineering Education*, Volume 35, Number 6(A), Pages 1758-1789. [[Link](#)]
24. 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](#)]
25. 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](#)]
26. 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](#)]
27. 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](#)]
28. 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](#)]
29. Barlow, Z.\*, Sova, A.\*, Hurwitz, D. & Olsen, M. (2019) "Unsafe Driver Glances at Roadside Unmanned Aerial System Operations," *ITE Journal*, June, 38-42. [[Link](#)]
30. 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. [**Young First Author Award, TRB Committee ACP55**] [[Link](#)]

31. 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](#)]
32. 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](#)]
33. 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](#)]
34. 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](#)]
35. 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](#)]
36. 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](#)]
37. 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](#)]
38. 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](#)]
39. 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](#)]
40. 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](#)]
41. 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](#)]
42. 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](#)]
43. 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](#)]
44. 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](#)]
45. 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](#)]
46. 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](#)]

47. 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](#)]
48. 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](#)]
49. 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](#)]
50. **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](#)]
51. 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](#)]
52. **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](#)]
53. 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](#)]
54. 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](#)]
55. **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](#)]
56. 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](#)]
57. **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](#)]
58. **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](#)]
59. **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](#)]
60. 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](#)]

61. **Hurwitz, D.**, Heaslip, K., Schrock, S., Swake, J.\*, Marnell, P.\*, Tuss, H.\* & Fitzsimmons, E. (2013) "Implications of Distracted Driving on Startup Lost Time for Duel Left Turn Lanes," *Journal of Transportation Engineering*, ASCE, Volume 139, Issue 9, 923-930. [[Link](#)]
62. 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](#)]
63. **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](#)]
64. 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](#)]
65. **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](#)]
66. **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](#)]
67. 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](#)]
68. **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](#)]
69. 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](#)]
70. **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. Cobb, D.\*, Jashami, H., Monsere, C., Kothuri, S., & **Hurwitz, D.** (Accepted 2023; Recommended for TRR) Driver and Bicyclist Comprehension of Blue Light Detection Confirmation Systems. 102<sup>nd</sup> *Transportation Research Board Annual Meeting Compendium*, Paper 23-01327. [[Link](#)]

2. Russo, B, Kothuri, S., Smaglik, E., & **Hurwitz, D.** (Accepted 2023: Recommended for TRR) 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. 102<sup>nd</sup> *Transportation Research Board Annual Meeting Compendium*, Paper 23-01327. [[Link](#)]
3. 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, 2022.
4. 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.
5. Jashami, H.\*, Sinkus, I.\*, Cobb, D.\*, & **Hurwitz, D.** (2022) Evaluation of Cyclist Galvanic Skin Response and Visual Attention in Commercial Vehicle Loading Zones. 8<sup>th</sup> *Road Safety and Simulation Conference*, Athens, Greece, June 08-10, 2022. [**Best Paper Award for Researchers, selected from 130 papers**]
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. 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*.
8. 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**]
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14. 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.
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2. 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.
3. 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.
4. 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.
5. 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.
6. 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*.
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15. 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.
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### Research Reports

1. **Hurwitz, D.**, Wyman, A.\*, & Jashami, H. (Submitted 07/23/22) A Safety Evaluation of Turn Lane-Adjacent Bike Lane Configurations in Portland, Oregon. Portland Bureau of Transportation (PBOT), Portland, OR, 21p.
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3. **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.
4. Smaglik, E., Riffle, K., Gehrke, S., Russo, B., Procaccio, S., **Hurwitz, D.**, **Liu, Y.\***, & **Chai, E.\***, (Submitted 11/30/21) Automated Identification of Traffic Detector Malfunctions. Oregon Department of Transportation (ODOT), Salem, OR, 84p. [[Link](#)]
5. **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.
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9. 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.
10. **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.
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25. **Hurwitz, D.**, Abadi, M.G.\* , McCormack, 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](#)]
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30. **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](#)]
31. Gambatese, J., **Hurwitz, D.**, & Barlow, Z.\* (2017) Highway Worker Safety. National Cooperative Highway Research Program (NCHRP) Synthesis Report, Washington, D.C., 149p. [[Link](#)]
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36. **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.

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42. **Hurwitz D.** (2013) Transportation Educators Conference: Advancement of the National Curriculum Project. National Science Foundation (NSF), Washington, D.C.
43. **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](#)]
44. 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](#)]
45. 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.
46. 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.
47. 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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50. 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.
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#### 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](#)]

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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**, Evaluation of the "Idaho Stop" Laws in other States, City of Beverly Hills Traffic and Parking Commission Regular Meeting, October 6, 2022.
2. **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.
3. **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.
4. **Invited**, PPRT with FYA Research Results, Statewide Signal Timer's Meeting, April 22, 2021
5. **Invited**, Oregon Traffic Control Devices Committee, *National Transportation Infrastructure Conversations*, March 19<sup>th</sup>, 2021.
6. **Invited**, ITE Western District Student Leadership Summit, Human-in-the-loop Simulation Research at Oregon State University, Virtual, January 17, 2021.
7. **Invited**, Oregon UAS Summit, *UAS and Driver Distraction*, Virtual, October 27, 2020.
8. **Invited (co-presented with Chris Monsere)**, Oregon Traffic Control Devices Committee, *Results sharing of NCHRP 20-07*, January 17<sup>th</sup>, 2020.
9. **Invited**, Oregon ITE Luncheon in Portland, OR, *Evaluation of Innovative Pedestrian and Bicycle Infrastructure through Research*, October 24, 2019.
10. **Invited**, Association of Pedestrian and Bicycle Professionals Annual Meeting, Portland, OR, *Evaluation of Innovative Pedestrian and Bicycle Infrastructure through Research*, August 27, 2019.
11. **Invited**, Keynote Address, 2019 New Student Convocation, Oregon State University, Corvallis, OR, September 24, 2019. (Approximately 3,500 audience members in-person)
12. **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.
13. **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.
14. **Invited**, PacTrans Annual Meeting, Fairbanks, AK, *Can Drone Operations Near Roadways Contribute to Driver Distraction?*, October 12, 2018.

15. **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.
16. **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.
17. **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.
18. **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.
19. **Invited**, OSU ASCE Student Chapter Speaker Meeting, Corvallis, OR, *Causal Factors of Right-Hook Crashes in Oregon*, February 16, 2016.
20. **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.
21. **Invited**, Work Zone Executive Strategy Session in Salem, OR, *Work Zone Safety Research*, December 7, 2015.
22. **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.
23. **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.
24. **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
25. **Invited**, ExCEED Teaching Workshop at Florida Gulf Coast University in Fort Myers, FL, *Making ExCEED Work at Oregon State University*, July 26, 2015.
26. **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)*
27. **Invited**, Oregon ITE Luncheon in Portland, OR, *Driver Response to Countdown Timers*, October 16, 2014.
28. **Invited**, Oregon Transportation Summit in Portland, OR, *Driver Related Causal Factors for Right Hook Crashes*, September 15, 2014.
29. **Invited**, ExCEED Teaching Workshop at United States Military Academy in West Point, NY, *Making ExCEED Work at Oregon State University*, July 25, 2014.
30. **Invited**, ExCEED Teaching Workshop at Florida Gulf Coast University in Fort Myers, FL, *Making ExCEED Work at Oregon State University*, July 26, 2013.
31. **Invited**, ITE District 1 Annual Meeting in Northampton, MA, *Integration of Professional Practice into Undergraduate Transportation Curriculum*, May 22, 2013.
32. **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.
33. **Invited**, Oregon Transportation Summit in Portland, OR, *Driving and Bicycling Simulator Research at OSU*, September 9, 2011.



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34. **Invited**, TransPort Technical Advisory Committee Meeting at ODOT Region 1 in Portland, OR, OSU Driving and Bicycling Simulator: Infrastructure & Active Research, August 10, 2011.
35. **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.
36. **Invited**, Northwest Transportation Conference at Oregon State University in Corvallis, OR, The Role of Rational Speed Limits in Traffic Calming, February 10, 2010.
37. **Invited**, ITE District 1 Annual Meeting in Providence, RI, The relationship between Traffic Calming and Rational Speed Limits, May 2007.
38. **Invited**, New England ITE Section Annual Meeting in Warwick, RI, Evaluation of the Driver Speed Perception and Selection Processes, December 2005.

**Webinars**

1. **Invited**, iMotions, Path to Publication webinar #4: Transportation Simulators with Dr. Hurwitz, September 27, 2022.
2. **Invited (co-presented with Hisham Jashami)**, PBOT SSL, Passive Bicycle Detection: A Case Study of Two Sensor Systems in Portland, Oregon, August 18, 2022.
3. **Invited**, Joint OSU ITE Student Chapter and UPRM ITE Student Chapter Meeting, Virtual Panel Discussion on Transportation Research with Professor, February 18, 2021.
4. **Invited**, National Webinar (62 site logins), hosted by the Institute of Transportation Engineers (ITE), Transportation Career Paths and Opportunities, May 19, 2020.
5. **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.
6. **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.
7. **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**, 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.
2. **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.
3. **Invited**, Role of an ITE Student Chapter Advisor, ITE Western District Board Meeting, January, 21, 2022.
4. **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.
5. **Invited**, ISE Special Distinguished Research Seminar, University at Buffalo, April 1, 2021.
6. **Invited**, Transportation Operations and Safety Research at Oregon State University at University of Puerto Rico Mayaguez in Mayaguez, Puerto Rico, November 21, 2019.
7. **Invited**, Transportation Operations and Safety Research at Oregon State University at Tongji University in Shanghai, China, September 09, 2019.

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8. **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.
9. **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.
10. **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.
11. **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.
12. **Invited**, Lunch Presentation on Connected Signals in Eugene, OR, Consideration of Traffic Signal Countdown Timers, November 22, 2017.
13. **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.
14. **Invited**, Faculty Research Presentations to for the COE Alumni Fellow at Oregon State University, Corvallis, OR, Transportation Operations and Safety Research, October 23, 2015.
15. **Invited**, Seminar at Kittelson & Associates, Inc. in Portland, OR, Transportation Engineering at Oregon State University, April 22, 2014.
16. **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.
17. **Invited**, Guest lecture - Intro to transportation at Washington State University in Pullman, WA, Driver Behavior at Signalized Intersections, March 26, 2012.
18. **Invited**, Seminar at Kittelson & Associates, Inc. in Portland, OR, OSU Driving and Bicycling Simulator: Infrastructure & Active Research, August 10, 2011.
19. **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.
20. **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. 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" \$400,000 (Total); \$80,000 (Hurwitz)
2. **Hurwitz, D.** Oregon Department of Transportation (ODOT) "Safety and User Perceptions of Auxiliary Bicycle Lanes" 10/01/2022 to 06/30/2022, \$50,000 (Total); \$50,000 (Hurwitz)
3. **Hurwitz, D.** Oregon Department of Transportation (ODOT) "Signal-Controller-in-the-loop Simulation for Testing and Deploying Advanced Signal Operations on Arterial Roadways" 09/15/2022 to 09/30/2025, \$210,000 (Total); \$210,000 (Hurwitz)

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4. **Hurwitz, D.** PBOT “OSU-PBOT Research Collaboration” 04/01/2022 to 04/30/2022; \$110,000 (Total); \$110,000 (Hurwitz)
5. **Hurwitz, D.** Pacific Northwest Transportation Consortium (PacTrans). “Region 10 Mobility UTC – OSU Administration Yr 6,” 01/01/2022 to 12/31/2022, \$91,670 (Total); \$91,670 (Hurwitz)
6. **Hurwitz, D.** & Hernandez, S. Oregon Department of Transportation (ODOT) “Truck Access into Roundabouts” \$336,000 (Total); \$174,754 (Hurwitz)
7. Miller, S., **Hurwitz D.** NHTSA “Additional Considerations for Making ADS Vehicles Accessible for All Road Users” 09/01/21 to 8/30/24, \$310,000 (Total); \$175,000 (Hurwitz)
8. **Hurwitz, D.** & Monsere, C. Oregon Department of Transportation (ODOT) “Removing Residual Lane Markings to Reduce Driver Confusion – Best Practice” \$210,000 (Total); \$120,000 (Hurwitz)
9. 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)
10. Gambatese, J. (PI) & **Hurwitz, D.** (co-PI) MJ Murdock Charitable Trust. “Virtual Construction and Transportation Safety Laboratory” 01/01/2021 to 12/31/2023, \$392,826 (Total); \$196,500 (Hurwitz)
11. 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” 36 months, \$600,000 (Total); \$90,000 (Hurwitz)
12. 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); \$388,017 (Hurwitz)
13. 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)
14. **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
15. 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 09/30/2022, Up to \$14,350,000 (Total) + CR for a 6<sup>th</sup> year

**Completed**

1. 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)
2. **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)
3. **Hurwitz, D.** ODOT & FHWA “National Summer Transportation Institute” 01/01/2022 to 09/30/2022, \$49,683 (Total); \$49,683 (Hurwitz)
4. **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)
5. **Hurwitz, D.** (PI) Portland Bureau of Transportation. “Portland Bikeways Evaluation” 11/01/2020 to 12/30/2022, \$80,000 (Total); \$80,000 (Hurwitz)
6. **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)

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7. **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)
8. 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)
9. 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)
10. **Hurwitz, D.** (Washington County). "Forming a research collaboration with Washington County," 01/01/2019 to 12/30/2021, \$145,000 (Total); \$145,000 (Hurwitz)
11. **Hurwitz, D.** ODOT & FHWA "National Summer Transportation Institute" 01/01/2021 to 09/30/2020, \$48,499 (Total); \$48,499 (Hurwitz)
12. 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)
13. **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)
14. 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)
15. 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)
16. 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)
17. 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)
18. **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)
19. **Hurwitz, D.** (PI) and C. Federal Highway Administration (FHWA). "OSU Summer Transportation Institute" 03/01/2020 to 09/30/2020, \$47,500.50 (Total); \$47,500.50 (Hurwitz)
20. **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)
21. 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)
22. **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)
23. McCormack, 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)
24. 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

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- 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)
25. **Hurwitz, D.** (Philanthropic Gift). Neil Nightingale Memorial Driving Simulator Fund. \$100,000 (Total); \$95,000 (Hurwitz)
  26. 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)
  27. **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)
  28. 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)
  29. **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)
  30. 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)
  31. **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)
  32. **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)
  33. **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)
  34. 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)
  35. **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)
  36. **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)
  37. **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)
  38. **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)
  39. **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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40. **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)
41. **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)
42. **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)
43. **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)
44. 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)
45. 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)
46. **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)
47. **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)
48. **Hurwitz, D.** (PI) Oregon Department of Transportation (ODOT). "Northwest Transportation Conference Featured Speakers," 2/14/2014-4/14/2014, \$12,500 (Hurwitz)
49. **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)
50. **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)
51. 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)
52. **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)
53. **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)
54. **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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55. 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)
56. **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)
57. **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)
58. 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)
59. **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)
60. **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)
61. **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)
62. 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)
63. 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)
64. **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**

**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)
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, RSP1, 2022 - Present

### Research Associate

#### *Current*

1. None.

#### *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

## STUDENTS MENTORED

### Doctoral Students

#### *Current*

1. Syed Baqir UI Husain, TBD, 2022 – Present
2. Logan Scott-Deeter, Commercial Motor Vehicle Interactions with Roundabouts, 2021 – Present
3. Helena (Lena) Breuer, Evaluation of Alternative Intersection Designs to Mitigate Turning Motor Vehicle-bicycle Crashes, 2020 – Present
4. Amy Wyman, Evaluation of Outward Facing HMI Designs to Promote the Safety of Bicyclists, 2019 – Present

#### *Completed*

1. 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
2. Doug Cobb, 2020, Evaluation of Cycling Behavior: Factors that Influence Cyclists' Comprehension, Comfort, and Stress, City Traffic Engineer at Coral Gables, FL
3. 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
4. Dylan Horne, 2019, Sound and Vibration Analysis of Alternative Rumble Strips, Shop Mechanic/Board Member at The Pedal Factory, Salisbury, NC
5. 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, Iraqi
6. Zachary Barlow, 2019, Driver Distraction from Unmanned Aerial Systems: Evidence, Policy, and Mitigation, Project Manager at Ironside Engineering and Development, Show Low, AZ
7. Masoud Ghodrat Abadi, 2018, Design and Operational Considerations for Bicycles on Transportation Infrastructure, Assistant Professor at California State University Sacramento, Sacramento, CA
8. Mohammad Islam, 2014, Safety and Efficiency Benefits of Traffic Signal Countdown Timers, Transportation Engineer at Traffic Technology Services, Inc., Beaverton, OR



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9. 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. Sarah Carr, TBD, 2022 – Present
2. Keiza Suwandhaputra, co-advised with Dr. Robert Bertini, Strategies to Improve Pedestrian Safety at Night, 2021 – Present
3. Jane Weber, Evaluation of ghost lines on driver behavior and safety, 2021 – Present

*Completed*

1. Jasmin Woodside, Evaluation of Idaho Stop Laws in the Pacific Northwest, 2012, Civil Engineer at Akana, Portland, OR
2. Yujun Liu, Evaluation of Commercial Motor Vehicle Operator Behavior During Parking Manuevers in Urban Environments, 2022, Transportation Engineer at HDR, Portland OR
3. McKenna Milacek, Development of an improved Safety Investigations Manual for the Oregon Department of Transportation, 2022, Transportation Engineer at Kittelson and Associates, Portland, OR
4. Eileen Chai, Evaluation of the Impact of Crosswalk Placement on Pedestrian Safety, 2022, Transportation Engineer at DKS Associates, Portland, OR
5. Logan Scott-Deeter, Assessing the Impact of Three Intersection Treatments on Bicyclist Safety, 2021, PhD student at Oregon State University, Corvallis, OR
6. Travis Larson, Evaluation of Passive Pedestrian Detection with a Framework for Future Applications, 2020, Transportation Engineer at DKS Associates, Salem, OR
7. 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
8. Ellen Simpson, 2018, Development and Testing of a Mobile Radar Based Vehicle Trajectory Detection System, Transportation Engineer at HDR, Portland, OR
9. Kayla Fleskes, 2018, Influence of Bicyclist Presence on Driver Performance during Autonomous Vehicle Take-Over Requests, Transportation Engineering at DKS Associates, Portland, OR
10. 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
11. Kamilah Burker, 2017, Evaluation of Desktop Learning Modules in Civil Engineering Classrooms to promote Inductive and Interactive Learning, Transportation Engineer, DKS Associates, Portland, OR
12. Sarah McCrea, 2015, Consideration of User Behavior in the Design of Red Light Extension Systems, Engineer Assistant, at Sandow Engineering, Eugene, OR.
13. Jennifer Warner, 2015, Design Alternatives to Mitigate Right Hook Crashes, Transportation Engineer at Stantec, Mechanicsburg, PA
14. Julia Kautz, 2015, Implications of Distraction on Pedestrian Behavior, Engineer 1 at Los Alamos National Laboratory, Los Alamos, NM.
15. Justin Neill, 2014, Evaluation of Alternative Information Signs in Oregon, Transportation Engineer at Traffic Technology Solutions, Beaverton, OR

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16. 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
17. Joshua Swake, Driving Simulation: A Mechanism for Understanding Driver Response to Mobile Barriers in Work Zones, 2013, Transportation Engineering at DKS Associates, Portland, OR
18. Halston Tuss, 2012, Improved Pedestrian Safety at Signalized Intersections Operating the Flashing Yellow Arrow, Transportation Engineer, DKS Associates, Salem, OR
19. Derek Moore, 2012, Fuzzy Logic for Improved Dilemma Zone Identification: A Simulator Study, Transportation Engineer, DKS Associates, Salem, OR
20. 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. None.

*Completed*

1. Zurita Zharita, 2022
2. Jie Sun, 2019
3. Xufeng Tang, 2016
4. Zachary Williams, 2013
5. Keith Blair, 2012

**Undergraduate Honors College Students**

*Current*

1. None.

*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. Mohammad Rayeedul Siam, PhD in CE
2. Navid Yaghoubisharif, MS in CE

*Completed*

1. Jaekook Kim, MS in CE, Summer 2022
2. Zhikang Shi, MEng in CE, Fall 2021
3. Mohammad Rayeedul Kalam Siam, MEng in CE, Spring 2021
4. Ihsan Obaid, PhD in CE, Summer 2021

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5. Chen Chen, PhD in CE, Summer 2021
6. Hamsa Abbas Nayyef Zubaidi, PhD in CE, Spring 2021
7. Xuanyang Zhao, MEng in CE, Winter 2021
8. Aleah Olsen, MS in CE, Spring 2020
9. Alireza Mostafizi, PhD in CE, Spring 2019
10. Matthew (Matt) Haynes, MS in CE, Spring 2019
11. Kaden Kinser, MS in CE, Spring 2019
12. Kenneth Faiwoyife, MS in CE, Winter 2019
13. Nabeel Saleem Saad Al-Bdairi, PhD in CE, Summer 2018
14. Shangjia Dong, PhD in CE, Summer 2018
15. Jason Anderson, PhD in CE, Summer 2018
16. Chongchong Li, MEng in CE, Spring 2018
17. Joseph Claveria, MS in CE, Spring 2018
18. Harith Abdulsattar, PhD in CE, Spring 2018
19. Yue Xu, MS in CE, Spring 2017
20. Chen Chen, MS in CE, Spring 2017
21. Katarina Morowsky, PhD in IE, Spring 2017
22. Jason Pascoe, MS in CE, Fall 2016
23. Keisha Villanueva, MS in CE, Summer 2016
24. Edger Castro, MS in CE, Summer 2016
25. Tianjiao Li, MS in CE, Spring 2016
26. Hongzhang Chenji, MEng in CE, Winter 2016
27. Adriana Debora Piemonti, PhD in CE, Fall 2015
28. Shangjia Dong, MS in CE, Fall 2015
29. Dejan Dudich, MS in CE, Fall 2015
30. Hamid Mahmoudabadi, PhD in CE, Summer 2015
31. Floraliza Bornasal, PhD in CE, Spring 2015
32. Allie Peters, MS in CE, Spring 2015
33. Lu Liu, MSCE, Winter 2014
34. Amirali Saeedi, PhD in IE, Winter 2013
35. Ian Roholt, MSCE, Winter 2013
36. Jianfei Zheng, MSCE, Fall 2012
37. Lacy Brown, MSCE, Summer 2012
38. Keith Williams, MSCE, Spring 2012
39. Megan Mecham, MSCE, Spring 2012
40. Ioana Cosma, MSCE, Spring 2012
41. Raul Avelar, PhD in CE, Spring 2012
42. Meng Li, MSCE, Fall 2011
43. Yanfen Zhou, MSCE, Spring 2011
44. Mafruhatul Jannat, MSCE, Spring 2011
45. Brett Cowgill, MEng, Spring 2011
46. Fei Xie, MSCE, Winter 2011
47. Neil Kopper, MSCE, Spring 2010

**Graduate Committee Representative (GCR)**

*Completed*

1. Tabeel Jacob, PhD in ME, Summer 2020

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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. Benjamin Fryback, CE, Fall 2021 - Spring 2022; Fall 2022
2. Elsa Moreno Rangel, CEM, Winter 2021 – Spring 2022; Fall 2022

*Completed*

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

- Lena Breuer, PhD Student, UTC Outstanding Student of the Year, 2022
- 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, Dwight David Eisenhower Transportation Fellowship, FHWA, 2020-2021
- Amy Wyman, Roy E. Jorgensen Memorial Scholarship, 2020
- Cadell Chand, MSCE 20, OSU Civil Engineering MSCE Student of the year, 2020
- 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

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- 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
- 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

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- **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
- **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
  - Group 1.Social / Behavioral Research Investigators and Key Personnel, 2009, 2016
- **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

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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
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 Traffic 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 Traffic 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 Traffic Signals	Fall 2022	3	9

*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



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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
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	TBD	TBD/TBD	TBD/TBD	Elective

<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*

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- 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
- 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**, 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, 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, Nov 8-9, 2018
- **Instructor**, Human Factors Seminar: Work Zones (taught 2 hrs of lecture to 12 participants), Kiewit Center for Infrastructure and Transportation, 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, 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, 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, Dec 2011

**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 and managing four to 5 instructional staff to deliver the curriculum.

- **Director**, OSU NSTI for 21 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

**ASCE: Excellence in Civil Engineering Education (ExCEED)**

The ExCEED 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

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(48 slots per year). Workshop mentors are exemplar engineering educators from around the country.

Dr. Hurwitz participated as a student in a mini-ExCEED (2 days), the week-long ExCEED (6 days), and ExCEED 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: ExCEED Teaching Workshop, Florida Gulf Coast University, July 2015
- **Assistant Mentor**, ASCE: ExCEED Teaching Workshop, United States Military Academy, July 2014
- **Assistant Mentor**, ASCE: ExCEED Teaching Workshop, Florida Gulf Coast University, July 2013
- **Assistant Mentor**, ASCE: ExCEED Teaching Workshop, Florida Gulf Coast University, June 2012
- **Assistant Mentor**, ASCE: ExCEED 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**, Project Advisory Board, International Research Centre to Investigate the Effects of Vehicle Automation on Vulnerable Road Users (ICAROS), 2021 - Present

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

#### *Proposals*

- University of Texas at San Antonio, 2022
- 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

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- Natural Sciences and Engineering Research Council of Canada (NSERC)
  - Discovery Grant Proposal, 2021
  - 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*

- National Institute for Congestion Reduction (NICR), University of South Florida, 2021 [2]
- National Institute for Transportation and Communities (NITC), 2019, 2021
- Idaho Department of Transportation, 2015
- Center for Accessibility and Safe Transportation for an Aging Population, Florida State University, 2015, 2016

*Archival Journals*

- 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

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- 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*

- 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

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- 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

**External Evaluator**

*Dissertation Board of Examiners*

- Indian Institute of Technology, 2020 [1]

**Conference and Session Leadership**

*Conferences Organized*

- **Member**, Local Technical Activities, ITE Annual Meeting, Portland, Oregon, July 2021
- **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
- **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
- **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

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- **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
- **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

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- 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
    - **Chair**, Education Council, 2020 - Present
    - **Vice Chair**, Education Council, 2017 - 2019
    - **Executive Committee Member**, Education Council, 2010 - 2017
    - **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
    - **Past Chair**, Committee on Faculty Development (CFD), 2017 - 2018
    - **Chair**, CFD, 2016 - 2017
    - **Secretary**, CFD, 2015 - 2016
    - **Member**, CFD, 2014 - 2015
  - **Member**, 2021 - Present
  - **Associate Member**, 2007 - 2021
- American Society for Engineering Education (ASEE)
  - Section
    - **Awards Chair**, PNW ASEE, 2021 - Present
    - **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



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- 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**, Human Interactions with the Transportation System Expert Task Group (ETG), 2019 - Present
  - **Member**, Work Zone Executive Strategy Session, OSU Representative 2016 - 2019

**Oregon State University Service**

*OSU Faculty Senate*

- **Faculty Senator**, College of Engineering, 2021 - Present
- **Faculty Senator**, College of Engineering, December 2020

*OSU Standing Committees*

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

*COE Ad-Hoc Committees*

- **Member**, COE AD Marketing Communications Search Committee, 2015

*COE Other Activities*

- **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**, Awards Committee, 2020-2021, 2021-2022
- **Member**, Standing Instructor Search Committee, 2019 - 2021
- **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

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*CCE Ad-Hoc Committees*

- **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
- **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*

- **Mentor**, Sammy Rivera, 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

**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