DAVID S. HURWITZ, Ph.D., F.ITE

Professor of Transportation Engineering
School of Civil and Construction Engineering, Oregon State University
101 Kearney Hall, Corvallis, OR 97331| 541.737.9242 | david.hurwitz@oregonstate.edu

EXPERIENCE

Director,
Kiewit Center for Infrastructure and Transportation Research,
School of Civil and Construction Engineering, Oregon State University 2021 - Present

Professor of Transportation Engineering,
School of Civil and Construction Engineering, Oregon State University 2020 - Present

Visiting Scholar,
School of Transportation Engineering, Tongji University 2019

Eric H.I. and Janice Hoffman Faculty Scholar,
School of Civil and Construction Engineering, Oregon State University 2019 - 2021

Director,
OSU Driving and Bicycling Simulator Laboratory 2016 - Present

Associate Director at Oregon State University,
Pacific Northwest Transportation Consortium (PacTrans) 2016 - 2023

Associate Professor of Transportation Engineering,
School of Civil and Construction Engineering, Oregon State University 2015 - 2020

Assistant Professor of Transportation Engineering,
School of Civil and Construction Engineering, Oregon State University 2009 - 2015

Graduate Teaching Assistant,
Civil & Environmental Engineering, UMass Amherst 2007 - 2008

Director,
Data Acquisition Transformation & Analysis, INC 2006 - 2009

Traffic Engineer,
Vanasse Hangen Brustlin, INC 2006 - 2007

Managing Partner,
Quality Data Collection, LLC 2005

Graduate Research Assistant,
Civil & Environmental Engineering, UMass Amherst 2004 - 2009

Undergraduate Research Assistant,
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

Transportation Achievement Award: Individual, *ITE* 2025
Individual Achievement Award 2024, *ITE Western District* 2025
2024 Best Technical Paper Award, *ASCE Journal of Civil Engineering Education* 2025
Graduate Mentoring Award 24-25, *Oregon State University, College of Engineering* 2024
Best Paper Submitted to TRR, *TRB Committee on Bicycle Transportation (ACH20)* 2024
Outstanding Paper Award, *TRB Committee on Bicycle Transportation (ACH20)* 2023
Best Paper Award for Researchers, *Road Safety and Simulation, Athens, Greece* 2022
College of Engineering Outstanding Young Alumni Award, *UMass Amherst* 2022

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

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

Refereed Journal Publications

1. Umphress, J., Hernandez, S., Scott-Deeter, L.*, Jashami, H., & **Hurwitz, D.** (Accepted 10/12/2025) Suggested Improvements for Modeling Heavy Truck Traversal at Roundabouts Using VISSIM Based on Gap Acceptance Behavior Calibrated to Field Observations. *Transportation Research Interdisciplinary Perspectives*. [Link]
2. Scott-Deeter, L.*, Jashami, H., **Hurwitz, D.**, Umphress, J., & Hernandez, S. (Accepted 09/12/2025) "Heavy Truck Gap Acceptance and Critical Gap Length Evaluated at Congested Roundabouts," *Journal of Transportation Engineering, Part A: Systems*, ASCE. [Link]
3. Breuer, H.*, Jashami, H., & **Hurwitz, D.** (2025) Safety and User Perceptions of Bike Turnouts. *Journal of Cycling and Micromobility Research*, Volume 5, 1-14. [Link]
4. Chand, C., Jashami, H., Wang, H. & **Hurwitz, D.** (2025) "Evaluation of the Human Interaction with Automated Vehicles on Highways," *Traffic Safety Research An Interdisciplinary Journal*. Volume 9. [Link]
5. Riffle, K., Smaglik, E., Prcaccio, S., Gehrke, S., Russo, B., & **Hurwitz, D.** (2024) Applying Traffic Flow Theory in Assessing Detector Performance. *Journal of Intelligent and Connected Vehicles*. Volume 7, Issue 4, 279-291 [Link]
6. Carr, S.*, Wyman, A.*, Moreno Rangel, E. A.*, Jashami, H., Koonce, P. & **Hurwitz, D.** (2024) "Evaluation of Near Side Dutch-Style Bicycle Signal Countdown Timer Performance and Compliance at Signalized Intersections in Portland, Oregon," *ITE Journal Article*. [Link]
7. Woodside, J.*, Hisham, J., **Hurwitz, D.**, Young, R., & Chang, K. (2024) "Safety Relevant Driver and Bicyclist Behaviors Resulting from Bicycling Rolling Stops Observed in a Networked Driving and Bicycling Simulator," *Transportation Research Part C Emerging Technologies*. Volume 166 [Link]
8. Wang, X., Jiao, Y., **Hurwitz, D.**, Lei, Y., & Zhou, L. (2024) "Revision of the Driver Behavior Questionnaire for Bus Drivers in China Based on In-vehicle Monitoring Data," *Transportation Research Part F Traffic Psychology and Behavior*. Volume 105, 24-41. [Link]
9. Chand, C.*, Jashami, H., Scott-Deeter, L.*, Koonce, P., & **Hurwitz, D.** (2024) "Evaluation of Door Zone Conflicts Between Bicycles and Parked Vehicles," *Transportation Research Record: Journal of the Transportation Research Board.* Volume 2678, Issue 11, 1006-1019. [Link]
10. Claros, B., Chitturi, M., Bill, A., Tainter, F., Knodler, M., **Hurwitz, D.,** & Noyce, D. (2024) "Field Evaluation of Change and Clearance Intervals Leading to a Left Turn Flashing Yellow Arrow Indication," *Transportation Research Record: Journal of the Transportation Research Board.* [Link]
11. Young, R., Chang, K., **Hurwitz, D.**, Roman Campos, A., & Woodside, J.* (2024) "Characterizations of Expert and Public Perception of Bicycle Rolling Stop Laws: Public Hazard or Practical Convenience?," *Transportation Research Record: Journal of the Transportation Research Board.* [Link] **[Best Paper Submitted to TRR, *TRB Committee ACH20*]**
12. Chai, E.*, Jashami, H., **Hurwitz, D.**, Monsere, C., Kothuri, S. (2024) "Influence of Curb Return and Crosswalk Setback on Turning Driver Decision Making and Speed Selection," *ASCE Journal of Transportation Engineering, Part A Systems,* Volume 150, Issue 4. [Link]
13. Jiao, Y., Wang, X., Zhao, X., **Hurwitz, D.** (2024) "Effect of Insomnia and Mental Health on Risky Driving Behavior of Bus Drivers Based on Mediation Model," *Accident Analysis & Prevention*, Volume 195. [Link]
14. Gestson, S., Brown, S., Ahmed, A.*, **Hurwitz, D.,** Bornasal, F., & Desing, R. (2024) "Exploring the Differences in Hydraulic Engineering Problem Solving Behavior of Undergraduate Students and Engineering Practitioners with Multiple Representations Using Eye Tracking Techniques," *Journal*

of Civil Engineering Education, ASCE, Volume 150, Issue1. [Link] **[2024 Best Technical Paper Award]**

15. Jashami, H., Cobb, D.*, Sinkus, I.*, Liu, Y.*, McCormack, E., Goodchild, A., & **Hurwitz, D.** (2024) "Evaluation of Bicyclist Physiological Response and Visual Attention in Commercial Vehicle Loading Zones," *Journal of Safety Research*. Volume 88, 313-325. [Link]
16. Milacek, M.*, Jashami, H., Abadi, M.G., & **Hurwitz, D.** (2023) "Evaluation of a Pedestrian Call Extension and Cancelation System at a Signalized Midblock Crossing," *Transportation Letters: the International Journal of Transportation Researc*h. [Link]
17. Jashami, H.*, Anderson, J., Mohammed, H.A., Cobb, D.*, & **Hurwitz, D.** (2023) "Contributing Factors to Right-Turn Crash Severity at Signalized Intersections: An Application of Econometric Modeling," *International Journal of Transportation Science and Technology*. [Link]
18. Russo, B, Kothuri, S., Smaglik, E., & **Hurwitz, D.** (2023) **"**Analyzing the Impacts of Intersection Treatments and Traffic Characteristics on Bicyclist Safety: Development of Data-Driven Guidance on the Application of Bike Boxes, Mixing Zones, and Bicycle Signals," *Transportation Research Record: Journal of the Transportation Research Board*. [Link] **[Outstanding Paper Award, *TRB Committee ACH20*]**
19. Jiao, Y., Wang, X., **Hurwitz, D.**, Hu, G., Xu, X., & Zhao, X. (2023) "Revision of the Driver Behavior Questionnaire for Chinese Drivers' Aberrant Driving Behaviors Using Naturalistic Driving Data," *Accident Analysis & Prevention*, Volume 187 [Link]
20. Wang, X., Liu, S., Cai, B., **Hurwitz, D.**, Guo, Q., & Wang, X. (2023) "Sample Size Study of Driving Simulator Experiment for Freeway Design Safety Evaluations," *Transportation Research Record: Journal of the Transportation Research Board*, Volume 2677, Issue 6, 73-92. [Link]
21. Wang, X., Ye, X., **Hurwitz, D.**, Wang, X., Schost, C. & Noyce, D. (2023) "The Effect of Motion Cues on Highway Driving Performance in Simulated Driving," *Transportation Research Record: Journal of the Transportation Research Board*, Volume 2677, Issue 6, 93-112. [Link]
22. Cobb, D.*, Monsere, C., **Hurwitz, D.**, Kothuri, S., Jashami, H. (2023) "User Comprehension of Bicycle Signal Countdown Timers," *Transportation Research Record: Journal of the Transportation Research Board*, Volume 2677, Issue 6, 129-141. [Link]
23. Cobb, D.*, Jashami, H., Monsere, C., Kothuri, S., & **Hurwitz, D.** (2023) **"**Driver and Bicyclist Comprehension of Blue Light Detection Confirmation Systems," *Transportation Research Record: Journal of the Transportation Research*, Volume 2677, Issue 6, 395-408 [Link]
24. Scott-Deeter, L.*, **Hurwitz, D.**, Russo, B., Smaglik, E., & Kothuri, S. (2023) Treatments to Improve Bicyclist's Safety at Signalized Intersections. *Accident Analysis & Prevention*, Volume 170. [Link]
25. Wyman, A.*, Breuer, L.*, & **Hurwitz, D.** (2022) A Behavioral Approach to Improving Pedestrian Infrastructure at Intersections," *Advances in Transportation Studies and international Journal*, Special Issue, Vol. 3, 7-20. [Link]
26. 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].
27. 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].
28. 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].
29. 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].

30. 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].
31. 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]
32. 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]
33. 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]
34. 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]
35. 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]
36. 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]
37. 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]
38. 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]
39. 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]
40. 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*****]**
41. 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]
42. 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]
43. 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]
44. 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]
45. Barlow, Z.*, Mohammed, H.A.*, & **Hurwitz, D.** (2020) "Development and Evaluation of Temporary Traffic Control Devices for Unmanned Aerial System Operations" *Journal of*

Surveying Engineering, ASCE. Volume 146, Issue 2. [Link] **[Outstanding Technical Paper Award 2020, *ITE Western District*; 4th most downloaded article in 2020]**

46. 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]
47. Estes, A., Ressler, S., Saviz, C., Barry, B., Considine, C., Dennis, N., Hamilton, S., **Hurwitz, D.**, Kunberger, T., Lenox, T., Nilson, T., O'Brien, J., O'Neill, R., Saftner, D., Salyards, K., Welch, R., Coward, D., & Nolen, L. (2019) "The ASCE ExCEEd Teaching Workshop: Assessing 20 Years of Instructional Development," *International Journal of Engineering Education*, Volume 35, Number 6(A), Pages 1758-1789. [Link]
48. 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]
49. 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]
50. 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]
51. 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]
52. 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]
53. Barlow, Z.*, Sova, A.*, **Hurwitz, D.** & Olsen, M. (2019) "Unsafe Driver Glances at Roadside Unmanned Aerial System Operations," *ITE Journal*, June, 38-42. [Link]
54. Jashami, H.*, **Hurwitz, D.**, Monsere, C., & Kothuri, S. (2019) "Evaluation of Driver Comprehension and Visual Attention of the Flashing Yellow Arrow Display for Permissive Right-Turns," *Transportation Research Record: Journal of the Transportation Research Board*, Volume 2673, Issue 8, 397-407. [Link] **[Young First Author Award, *TRB Committee ACP55*]**
55. 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]
56. 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]
57. 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]
58. 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]
59. 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]

60. 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]
61. 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]
62. 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]
63. 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]
64. 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]
65. 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]
66. 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]
67. 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]
68. 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]
69. 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]
70. 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]
71. 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]
72. 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]
73. 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]
74. **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]
75. 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]

76. **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]
77. 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]
78. 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]
79. **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]
80. 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]
81. **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]
82. **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]
83. **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]
84. 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]
85. **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]
86. 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]
87. **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]
88. 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]
89. **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]

90. **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]
91. 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]
92. **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]
93. 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]
94. **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. Brown, W.*, Gambatese, J., & **Hurwitz, D.** (Accepted) Understanding Work Zone Intrusions: Contributing Factors, Prevention Strategies, and Practitioner Perspectives from a National Survey and Literature Review. *TRBAM*.
2. Brown, W.*, Jashami, H., McCourt, R., Duncan, M., & **Hurwitz, D.** (Accepted) Are There Visual Consequences due to Greater Hood Heights for Larger Pickup Trucks and Sport Utility Vehicles? *TRBAM*.
3. Chand, C., Jashami, H., Wang, H. & **Hurwitz, D.** (2024) Evaluation of the Human Interaction with Automated Vehicles on Highways. Road Safety and Simulation, Lexington, KY, October 28-31.
4. Chattopadhyay, S., Yang, H-J, Shihab, I.F., Day, C., **Hurwitz, D.**, Sarkar, S., & Sharma, A. (2024) Exploring Current Capabilities of Large Language Models for Use as Signal Timing Virtual Assistants," *103rd* Transportation *Research Board Annual Meeting,* Washington D.C., January 7-11.
5. Jiao, Y., Wang, X., & **Hurwitz, D.** (2024) "Revision of the Driver Behavior Questionnaire for Bus Drivers in China Based on In-vehicle Monitoring Data," *103rd* Transportation *Research Board Annual Meeting,* Washington D.C., January 7-11.
6. Riffle, K., Smaglik, E., Prcaccio, S., Gehrke, S., Russo, B., & **Hurwitz, D.** (2023) Applying Traffic Flow Theory in Assessing Detector Performance. *World Conference on Transportation Research, Montreal,* Quebec, Canada, July 17-21.
7. Jashami, H.*, Sinkus, I.*, Cobb, D.*, & **Hurwitz, D.** (2022) Evaluation of Cyclist Galvanic Skin Response and Visual Attention in Commercial Vehicle Loading Zones. *Road Safety and Simulation,* Athens, Greece, June, 8-10. **[Best Paper Award for Researchers]**
8. 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. *22nd COTA International Conference of Transportation Professionals (CICTP)*, July 8-11.

9. Gestson, S., Brown, S., Abadi, M.G., & **Hurwitz, D.** (2019) "Factors Contributing to the Problem-Solving Heuristics of Civil Engineering Students," 1*26th ASEE Annual Conference & Exposition Conference Compendium*, Tampa, FL, June 15-19. 17 pages. **[Stephen J. Ressler Best Paper Award, *Civil Engineering Division of ASEE*]** [Link]
10. Abadi, M.G., Gestson, S., Brown, S., & **Hurwitz, D.**, (2019) "Problem-Solving Rationales of Practicing Transportation and Hydraulic Engineers When Provided Multiple Contextual Representations," 1*26th ASEE Annual Conference & Exposition Conference Compendium*, Tampa, FL, June 15-19. [Link]
11. Gestson, S., Lutz, B., Brown, S., Barner, M., **Hurwitz, D.,** & Abadi, M.G.* (2018) "Developing an Understanding of Civil Engineering Practitioner Problem-Solving Rationale Using Multiple Contextual Representations," *125th ASEE Annual Conference & Exposition Conference Compendium*, Salt Lake City, UT, June 24-27. [Link]
12. Estes, A., Ressler, S., Saviz, C., Barry, B., Considine, C., Coward, D., Dennis, N., Hamilton, S., **Hurwitz, D.**, Kunberger, T., Lenox, T., Nilson, T., Nolen, L., O'Brien, J., O'Neill, R., Saftner, D., Salyards, K., & Welch, R. (2018) "Celebrating 20 Years of the ExCEEd Teaching Workshop," *125th ASEE Annual Conference & Exposition Compendium*, Salt Lake City, UT, June 24-27. [Link]
13. Wang, X., Yang, M., **Hurwitz, D.**, & Zhu, M. (2018) "An Exploration of Cut-in Behavior and Gap Acceptance using Shanghai Naturalistic Driving Data," 97th *Transportation Research Board Annual Meeting Compendium*, Paper 18-02562. [Link]
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.
15. Jashami, H.*, Abadi, M.G.*, & **Hurwitz, D.** (2017) "Factors Contributing to Self-Reported Cell Phone Usage by Younger Drivers in the Pacific Northwest," 9th International Driving Symposium on Human Factors in Driver Assessment training, and Vehicle Design, Manchester Village, VT, June 26-29. [Link]
16. Jashami, H.*, **Hurwitz, D.**, Abdel-Rahim, A., Bham, G., Boyle, L., & Cofer, W. (2017) "Educating Teenage Drivers in the Pacific Northwest about Distracted Driving," 96th *Transportation Research Board Annual Meeting Compendium*, Paper 17-02233. [Link]
17. Young, R., Sanford Bernhardt, K., **Hurwitz, D.**, & Turochy, R. (2015) "What a Systematic Literature Review Tells Us About Transportation Engineering Education," *122nd ASEE Annual Conference & Exposition Conference Compendium*, Seattle, WA, June 14-17. [Link]
18. Islam, M.*, **Hurwitz, D.**, & Brown, S. (2014) "Traffic Signal System Misconceptions across Three Cohorts: Novice Students, Expert Students, and Practicing Engineers," *121st ASEE Annual Conference & Exposition Conference Compendium*, Indianapolis, IN, June 15-18. [Link]
19. Jannat, M.*, **Hurwitz, D.** & Brown, S. (2014) "Promoting the Adoption of Innovative Teaching Practices by Transportation Engineering Faculty in a Workshop," *121st ASEE Annual Conference & Exposition Conference Compendium*, Indianapolis, IN, June 15-18. [Link]
20. Dong, S., Wang, H., **Hurwitz, D.**, & Heaslip, K. (2014) "Vehicle-type Specific Headway Distribution in Freeway Work Zone: A Nonparametric Approach," Transportation Research Board Annual Meeting Compendium, Paper 14-4355. [Link]
21. Swake, J.*, **Hurwitz, D.**, & Neil, J.*, & Gambatese, J. (2014) "Influence of Mobile Barriers in Work Zones on Driver Behavior," 93rd *Transportation Research Board Annual Meeting Compendium*, Paper 14-2225. [Link]
22. Sanford Bernhardt, K., **Hurwitz, D.**, Young, R., Bill, A., Brown, S., Heaslip, K., Kyte, M., Swake, J.*, & Turochy, R. (2013) "A Model for Collaborative Curriculum design in Transportation Engineering Education," *120th ASEE Annual Conference & Exposition Conference Compendium*, Atlanta, GA, June 23-26. [Link]

23. **Hurwitz, D.**, Brown, S., Islam, M.*, & Daratha, K. (2013) "Mental Models of Students and Practitioners in the Development of an Authentic Assessment Instrument for Traffic Signal Engineering," *120th ASEE Annual Conference & Exposition Conference Compendium*, Atlanta, GA, June 23-26. [Link]
24. Swake, J.*, Jannat, M.*, Islam, R.* & **Hurwitz, D.** (2013) "Driver Response to Phase Termination at Signalized Intersections: Are Driving Simulator Results Valid?," *7th International Driving Symposium on Human Factors in Driver Assessment, Training, and Vehicle Design, Bolton Landing*, NY, June 17-20, 278-284. [Link]
25. Marnell, P.*, Tuss, H.*, **Hurwitz, D.**, Paulsen, K., & Monsere, C. (2013) "Permissive Left-Turn Behavior at the Flashing Yellow Arrow in the Presence of Pedestrians," *7th International Driving Symposium on Human Factors in Driver Assessment, Training, and Vehicle Design, Bolton Landing*, NY, June 17-20, 488-494. [Link]
26. Tupper, S., Knodler, M., Fitzpatrick, C., & **Hurwitz, D.** (2013) "Estimating Critical Gap—Comparison of Methodologies Using a Robust, Real-World Data Set," *92nd Transportation Research Board Annual Meeting Compendium*, Paper 13-5019. [Link]
27. **Hurwitz, D.**, Tuss, H.*, Olsen, M., Roe, G., & Knodler, M. (2013) "Transportation Applications for Mobile LIDAR: A State-of-the-Practice Questionnaire," *92nd Transportation Research Board Annual Meeting Compendium*, Paper 13-1606. [Link]
28. Wang, H., Li, Z. **Hurwitz, D.,** & Ni, D. (2012) "Traffic Speed Variance Modeling with Application in Travel Time Variability Estimation," *91st Transportation Research Board Annual Meeting Compendium*, Paper 12-2618. [Link]
29. **Hurwitz, D.**, Knodler, M., Tuss, H.*, Swake, J.*, & Moore, D.* (2012) "An Evaluation of the Effects Associated with Advanced Vehicle Detection Systems on Dilemma Zone Protection," *91st Transportation Research Board Annual Meeting Compendium*, Paper 12-1143. [Link]
30. Young, R., Sanford Bernhardt, K., Beyerlein, S., Bill, A., Kyte, M., Heaslip, K., **Hurwitz, D.**, & Nambisan, S. (2011) "A Nationwide Effort to Improve Transportation Engineering Education," *118th ASEE Annual Conference & Exposition Conference Compendium*, Vancouver, BC, June 26-29. [Link]
31. Tupper, S., Knodler, M., & **Hurwitz, D.** (2011) "Connecting Gap Acceptance Behavior with Crash Experience," *Proc. 3rd International Conference on Road Safety and Simulation Conference*, Indianapolis, IN, September 14-16, 1-18. [Link]
32. Nabaee, S.*, Moore, D.*, & **Hurwitz, D.** (2011) "Revisiting Driver Behavior at Unsignalized Intersections: Time of Day Implications for Two Way Left Turn Lanes (TWLTL)," *Proc. 6th International Driving Symposium on Human Factors in Driver Assessment, Training, and Vehicle Design, Olympic Valley-Lake Tahoe, CA, June 27-30*, 440-446. [Link]
33. **Hurwitz, D.,** Knodler, M., Nabaee, S.*, & Tuss, H.* (2011) "Driver Comprehension of the Circular Yellow Indication: Implications of Regional Variability," *90th Transportation Research Board Annual Meeting Compendium*, Paper 11-3065. [Link]
34. Muttart, J., **Hurwitz, D.,** Pradhan, A., Fisher, D., & Knodler, M. (2010) "Backing Acceleration and Response Time to an Audible Warning in a Field Test," *89th Transportation Research Board Annual Meeting Compendium*, Paper 10-2773. [Link]
35. Knodler, M., **Hurwitz, D.**, & Rothenberg, H. (2008) "An Evaluation of Rationally Implemented Speed Limits on Collector Roadways," *87th Transportation Research Board Annual Meeting Compendium*, Paper 08-2757. [Link]
36. **Hurwitz, D.**, & Knodler, M. (2007) "Static and Dynamic Evaluation of the Driver Speed Perception and Selection Process," *Proc. 4th International Driving Symposium on Human Factors in Driver Assessment, Training, and Vehicle Design*, Stevenson, WA, July 9-12, 358-364. [Link]

37. **Hurwitz, D.**, Knodler, M., & Dulaski, D. (2005). "Speed Perception Fidelity in a Driving Simulator Environment," *Proc. Driving Simulator Conference North America*, Orlando, FL, Nov. 30-Dec. 2, 343-352. [Link]

Conference Publications Refereed by Abstract

1. Anderson, E.*, Jashami, H., Ahmed, A., & **Hurwitz, D.** (2026) Towards Improved Driver Response to Dilemma Zone Conflicts Through Vehicle Technology. 28th International Technical Conference on the Enhanced Safety of Vehicles (ESV), Toronto, CA, May 12-15.
2. Calderon, E.*, Woodside, J.*, Jashami, H., & **Hurwitz, D.** (2025) "Driver and Bicyclist Visual Attention and Stress Responses to Rolling Stops: Insights from a Networked Simulator Study," *20th Road Safety on 5 Continents*, Leeds, UK, September 3-5.
3. Umphress, J., Hernandez, S., Scott-Deeter, L.*, Jashami, H., **Hurwitz, D.** (2025) "Suggested Improvements for Modeling Heavy Truck Traversal at Roundabouts Using VISSIM Based on Gap Acceptance Behavior Calibrated to Field Observations," Reimagining the Future of Urban Freight, Los Angeles, CA, April 9-11.
4. Liu, Y.*, Husnain, S.B.U.*, Jashami, H., Scott-Deeter, L.*, **Hurwitz, D.**, Ranjbari, A., Goodchild, A., McCormack, E., & Verma, R. (2025) "Evaluating the Decision Making of Commercial Vehicle Drivers while Searching for Parking in Dense Urban Environments," Reimagining the Future of Urban Freight, Los Angeles, CA, April 9-11.
5. Wyman, A.*, Jashami, H., **Hurwitz, D.,** & Fuentes, C. (2025) "An Observational Evaluation of Pedestrian Behavior at Signalized Intersections," *104th Transportation Research Board Annual Meeting Compendium*, Washington, D.C. [TRBAM-25-02202]
6. Breuer, H.*, Jashami, H., & **Hurwitz, D.** (2025) "Evaluation of Road User Perceptions of Novel Bick Turnouts," *104th Transportation Research Board Annual Meeting Compendium*, Washington, D.C. [TRBAM-25-03473]
7. Wyman, A.*, Jashami, H., & Hurwitz, D. (2024) "A recruited Participant Study of Pedestrian Infrastructure," *Road Safety and Simulation*, Lexington, KY, October 28-31.
8. Wyman, A.*, **Hurwitz, D.** (2022) "Pedestrian Pushbutton Modifications for Improved Pedestrian Compliance," *Road Safety on 5 Continents*, Grapevine, Texas, October 10-12.
9. Scott-Deeter, L.*, **Hurwitz, D.**, Russo, B., Smaglik, E., & Kothuri, S. (2022) "Treatments to Improve Bicyclist's Safety at Signalized Intersections," *8th Road Safety and Simulation Conference*, Athens, Greece, June 08-10, 2022.
10. Wyman, A.* & **Hurwitz, D.** (2022) "A Behavioral Approach to Improving Pedestrian Infrastructure at Intersections," *8th Road Safety and Simulation Conference*, Athens, Greece, June 08-10, 2022.
11. 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.
12. 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.
13. 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.
14. 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.

15. Cobb, D.*, Jashami, H.* Monsere, C., Kothuri, S. & **Hurwitz, D.** (2022) "User Comprehension of Bicycle Signal Countdown Timers," *101st Transportation Research Board Annual Meeting, January 09-13.*
16. Woodside, J.*, Young, R., Chang, K., & **Hurwitz, D.** (2021) "Systemic Evaluation of Bicycle Stop Laws," *ITE 2021 Annual Meeting & Exhibition*, Portland, OR, July 18-21.
17. 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*.
18. 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]**
19. Mason H.B., Scott, M.H., **Hurwitz, D.**, Buker, K.*, and Adams, R.K. (2018) "An Inductive Learning Approach to Teaching Earthquake Response Spectra," *11th National Conference on Earthquake Engineering*, Los Angeles, CA, June 25-29.
20. **Hurwitz, D.** & Monsere C. (2018) "Safer Protected/Permitted Right-Turn Phasing for Drivers, Bicyclists, and Pedestrians," *ITE 2018 Western District Annual Meeting*, Keystone, CO, June 24-27.
21. Monsere, C. & **Hurwitz, D.** (2018) "Results from a Simulator-Based Analysis of Right-Hook Bicycle Crashes at Signalized Intersections," *11th International Co-operation on Theories and Concepts in Traffic Safety*, Vancouver, Canada, March 8th-9th. [Link]
22. Barlow, Z.*, **Hurwitz, D.**, & Gambatese, G. (2018) "Synthesis of State Highway Worker Safety Practice and Programs in the United States," *18th Road Safety on Five Continents*, Jeju Island, South Korea, May 16-18. [Link]
23. Barlow, Z.*, **Hurwitz, D.**, & Olsen, M. (2018) "Distraction Potential of Unmanned aircraft Systems (UAS) Near Roadways," *18th Road Safety on Five Continents*, Jeju Island, South Korea, May 16-18. [Link]
24. Abadi, M. G.*, Fleskes, K.*, Jashami, H.*, & **Hurwitz, D.** (2018) "Bicyclist's Perceived Level of Comfort Traveling Near Truck Loading Zones," 97th *Transportation Research Board Annual Meeting Compendium*, Paper 18-02144. [Link]
25. Horne, D.* & **Hurwitz, D.** (2017) "Calibration of a Bicycling Simulator," 6th International Cycling Safety Conference (ICSC), Davis, California Sept. 21-22.
26. 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.
27. **Hurwitz, D.**, Monsere, C., Jannat, M.*, & Jennifer, W.* (2016) "Insights into the Right-Hook Crash at Signalized Intersections: Research Results from a Driving Simulator," *10th University Transportation Centers Spotlight Conference on Pedestrian and Bicycle Safety*, Washington, D.C., Dec. 1-2., 2016. [Link]
28. **Hurwitz, D.**, Monsere, C., Jannat, M.*, Jennifer, W.* & Razmpa, A. (2016) "An Explanatory Mechanism for Right-hook Crashes at Signalized Intersections," *17th Road Safety on Five Continents*, Rio de Janeiro, Brazil, May 17-19. [Link]
29. **Hurwitz, D.** & Mason, H. B. (2016) "Development and Implementation of Physical Models for Transportation Geotechnics," *ASEE PNW Section Annual Conference*, Boise, Idaho, March 31-April 2.
30. **Hurwitz, D**. Halston, T.*, Patrick, M.*, Chris, M. & Kirk, P. (2013) "Driver Reactions to the Flashing Yellow Arrow in the Presence of Pedestrians," *ITE 2013 Western District Annual Meeting, Phoenix*, AZ, July 14-17. [Link]
31. Tuss, H.* & **Hurwitz, D.** (2011) "Efficiency Lost at Signalized Intersections from Distracted Driving," *ITE 2011 Western District Annual Meeting*, Anchorage, AK, July 10-13. [Link]

32. **Hurwitz, D.**, Chase, M., & Knodler, M. (2007) "Development of a Traffic Impact and Access Study Decision Matrix," *ITE 2007 Annual Meeting & Exhibition*, Pittsburgh, PA, August 5-8. [Link]

Research Reports

1. Hurwitz, D., Jashami, H., &Gray, A. (Submitted 10/20/2025) Linking Oregon Driver Records and Crash Data to Evaluate Interventions and Mitigate Driver Risk, Oregon Department of Transportation, Salem, OR, 45p.
2. **Hurwitz, D.**, Jahsami, H., Rangel, E. A. M., Monsere, C. M., Kothuri, S., & Semensky, S. (Submitted xx/xx/2025) Developing Guidance on Leading Pedestrian Intervals and Curb Extensions to Improve Pedestrian Safety at Signalized Intersections, Oregon Department of Transportation, Salem, OR, 177p.
3. **Hurwitz, D.**, Jashami, H., Weber, J.*, & Law, C. (2025) Oregon State University National Summer Transportation Institute Final Report, Oregon Department of Transportation (ODOT) & Federal Highway Administration (FHWA)., 17p.
4. **Hurwitz, D.**, Jashami, H., Ul-Husnain, S.B.*, & Brown, W.* (Submitted 08/30/2025) Evaluation of Pedestrian Call Extension Systems at an Actuated Traffic Signal, Washington County, OR 27p.
5. **Hurwitz, D.**, Jashami, H., Scott-Deeter, L.*, Husnain, S.B.U.*, & Li, X. (in publication 2025) Signal Controller in the Loop Simulation, Oregon Department of Transportation Salem, OR, 89p.
6. **Hurwitz, D.**, Macuga, K., Jashami, H., Breuer, H.*, Kutzler, K., Miller, S., Benson, A., Jackson, S., & Evans, J. (submitted 6/22/25) Maximizing ADS Safety for All Travelers: Communicating Vehicle Intent to Pedestrians with Disabilities, National Highway Traffic Safety Administration (NHTSA), Washington, D.C., 56p.
7. **Hurwitz, D.**, Macuga, K., Miller, S., Hunter-Zaworski, K., Jashami, H., Wyman, A.*, Benson, A.J. (in publication 2025) Making ADS Vehicles Usable and Inclusive: Considerations for Vulnerable Road Users, National Highway Traffic Safety Administration (NHTSA), Washington, D.C., 59p.
8. Danila, M., Brodie, S., Schooley, S., Sanders, R., Schoner, J., Almdale, B., **Hurwitz, D.**, Jashami, H., Suwandhaptura, K.*, Schneider, R., Walter, B., Marshall, N., & Henning, W. (2025) Strategies to Improve Pedestrian Safety at Night A Guide. National Cooperative Highway Research Program (NCHRP), Washington, D.C., 70p. [Link]
9. Sanders, R., Schoner, J., Almdale, B., Danila, M., Brodie, S., Schooley, S., **Hurwitz, D.**, Jashami, H., Suwandhaptura, K.*, Schneider, R., Walter, B., Marshall, N., & Henning, W. (2025) Web-Only Document 430, Improving Pedestrian Safety at Night. National Cooperative Highway Research Program (NCHRP), Washington, D.C., 191p. [Link]
10. **Hurwitz, D.**, Jashami, H., & Brown, W.* (2025) Evaluation of Existing Vehicle-Bicycle Conflicts at Three Roundabouts in Washington County, Washington County, OR, 68p.
11. **Hurwitz, D.**, Jashami, H., & Anderson, E.* (2025) Towards Improved Driver Response to Dilemma Zone Conflicts Through Vehicle Technology, Toyota Motor North America Collaborative Safety Research Center, Ann Arbor, MI, 49p.
12. **Hurwitz, D.**, Jashami, H., Moreno-Rangel, E.A.*, & Alabdali, S.* (2024) Validation of Automated Traffic Signal Performance Measures (ATSPM) in Portland, OR, Portland Bureau oof Transportation (PBOT), Portland, OR, 38p.
13. Fink, C., Chrzan, J., Schultheiss, B., Monsere, C., McNeil, N., Kothuri, S., Anderson, J., Sanders, R., Schoner, J., **Hurwitz, D.**, Jashami, H., & Breuer, H.* (2024) Web-Only Document 408, Design Options to Reduce Conflicts Between Turning Moor Vehicles and Bicycles. National Cooperative Highway Research Program (NCHRP), Washington, D.C., 367p. [Link]

14. Fink, C., Chrzan, J., Schultheiss, B., Monsere, C., McNeil, N., Kothuri, S., Anderson, J., Sanders, R., Schoner, J., **Hurwitz, D.**, Jashami, H., & Breuer, H.* (2024) NCHRP Research Report 1125, Reducing Conflicts Between Turning Motor Vehicles and Bicycles Decision Tool and Design Guidelines. National Cooperative Highway Research Program (NCHRP), Washington, D.C., 49p. [Link]
15. **Hurwitz, D.**, Jashami, H., Scott-Deeter, L.*, & Law, C. (2024) Oregon State University National Summer Transportation Institute Final Report, Oregon Department of Transportation (ODOT) & Federal Highway Administration (FHWA)., 17p.
16. **Hurwitz, D.**, Hisham, H., Scott-Deeter, L.*, Hernandez, S. & Umphress, J. (2024) Truck Access into Roundabouts, Oregon Department of Transportation (ODOT), Salem, OR, 83p. [Link]
17. **Hurwitz, D.**, Jashami, H., Carr, S.*, Wyman, A.*, & Rangel, E.M.* (2024) Evaluation of Dutch-Style Countdown Timer Performance and Compliance at Signalized Intersections in Portland, Oregon, Portland Bureau oof Transportation (PBOT), Portland, OR, 19p.
18. **Hurwitz, D.**, Jashami, H., & Bruer, L.* (2024) Safety and User Perceptions of Auxiliary Bike Lanes, Oregon Department of Transportation (ODOT), Salem, OR, 141p. [Link]
19. **Hurwitz, D.**, Jashami, H., Weber, J.*, Monsere, C., & Kothuri, S. (2024) Removing Residual Lane Markings to Reduce Driver Confusion, Oregon Department of Transportation (ODOT), Salem, OR, 113p. [Link]
20. **Hurwitz, D.**, Jashami, H., Wyman, A.*, & Logan, S-D.* (2023) Safety Features for Local Roads and Streets, Oregon Department of Transportation (ODOT), Salem, OR, 12p.
21. **Hurwitz, D.**, Wyman, A.* & Law, C. (2023) Oregon State University National Summer Transportation Institute Final Report, Oregon Department of Transportation (ODOT) & Federal Highway Administration (FHWA)., 16p.
22. **Hurwitz, D.**, Chai, E.*, Jashami, H. Monsere, C., & Kothuri, S. (2023) Safest Placement for Crosswalks at Intersections, Oregon Department of Transportation (ODOT), Salem, OR, 144p. [Link]
23. Hurwitz, D., Woodside, J.*, Jashami, H., Chang, K., Young, R., Campos, A.R. (2023) Impact of Bicycling Rolling Stop Laws on Safety-Relevant Behaviors in the Pacific Northwest, Pacific Northwest Transportation Consortium (PacTrans), Seattle, WA, 110p.
24. Ranjbari, A., Goodchild, A., McCormack, E., Verma, R., **Hurwitz, D.**, Liu, Y.*, Jashami, H. (2023) Insights from Commercial Driver Parking Decisions in a Truck Simulator to Inform Curb Management Decisions, Pacific Northwest Transportation Consortium (PacTrans), Seattle, WA, 72p.
25. **Hurwitz, D.**, Wyman, A.*, & Jashami, H. (2022) A Safety Evaluation of Turn Lane-Adjacent Bike Lane Configurations in Portland, Oregon. Portland Bureau of Transportation (PBOT), Portland, OR, 21p.
26. Russo, B., Smaglik, E., Kothuri, S., **Hurwitz, D.**, & Scott-Deeter, L.* (2022) Impacts of Intersection Treatments and Traffic Characteristics on Bicyclist Safety. Oregon Department of Transportation (ODOT), Salem, OR, 135p. [Link]
27. **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.
28. Smaglik, E., Riffle, K., Gehrke, S., Russo, B., Procaccio, S., **Hurwitz, D.**, Liu, Y.*, & Chai, E.*, (2022) Automated Identification of Traffic Detector Malfunctions. Oregon Department of Transportation (ODOT), Salem, OR, 84p. [Link]
29. **Hurwitz, D.**, Milacek, M.*, & Jashami, H. (2022) Project #4 Evaluation of the Reliability and Effectiveness of a Pedestrian Call Extension and Cancelation System. Washington County, OR, 40p.

30. **Hurwitz, D.** & Wyman, A.* (2022) Project #2 Pedestrian Push Button Improvements for Increased Pedestrian Compliance. Washington County, OR, 44p.
31. **Hurwitz, D.** & Ahmed, A.* (2022) Project #1 Evaluation of the Effectiveness of School Zone Speed 20 Flashers in Raising Driver's Detection of Pedestrian Conflicts at Harmonizing Vehicular Speeds/Speed Compliance. Washington County, OR, 23p.
32. Monsere, C. & **Hurwitz, D.**, Milacek, M.*, Sirisha, K., & Anderson, J. (2022) Safety Investigations Manual, 2nd Edition. Oregon Department of Transportation (ODOT), Salem, OR, 112p. [Link]
33. 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.
34. **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.
35. Gambatese, J., **Hurwitz, D.**, & Ahmed, A.* (2021) Use of Flashing Ambre-White Lights on Paving Equipment in Work Zones. Oregon Department of Transportation (ODOT), Salem, OR, 73p. [Link]
36. Monsere, C., Kothuri, S., **Hurwitz, D.**, Cobb, D.*, & Jashami, H.*, (2021) Bicycle Detection and Feedback Assessment. Oregon Department of Transportation (ODOT), Salem, OR, 225p. [Link]
37. **Hurwitz, D.**, Wyman, A.*, Ahmed, A.*, Woodside, J.*, Sova, A.*, & Law, C. (2020) Oregon State University Summer Transportation Institute. Oregon Department of Transportation & Federal Highway Administration., 16p.
38. **Hurwitz, D.** & Larson, T.* (2020) Evaluation of Dynamic Passive Pedestrian Detection. Washington County, Oregon., 48p.
39. MaCormack, E., Goodchild, A., **Hurwitz, D.**, Hisham, J.* & Cobb, D.* (2020) Developing Design Guidelines for Commercial Vehicle Envelopes on Urban Streets. Pacific Northwest Transportation Consortium (PacTrans), Seattle, WA., 124p. [Link]
40. Monsere, C., Anderson, J., Kothuri, S., **Hurwitz, D.**, & Chand, C.* (2020) Addressing Oregon's Rise in Deaths and Serious Injuries for Senior Drivers and Pedestrians. Oregon Department of Transportation (ODOT), Salem, OR, 110p. [Link]
41. Monsere, C., **Hurwitz, D.**, Fink, C., Kothuri, S., Schultheiss, B., Hillman, T., Shaw, G., Cobb, D.*, & Boudart, J. (2020) Web-Only Document 273: Road User Understanding of Bicycle Signal Faces on Traffic Signals. National Cooperative Highway Research Program (NCHRP), Washington, D.C., 145p. [Link]
42. Parrish, C., **Hurwitz, D.**, Simpson, C., Sorour, S., & Abdel-Rahim, A. (2019) An Airborne LIDAR Scanning and Machine Learning System for Real-Time Event Extraction and Control Policies in Urban Transportation Networks. Pacific Northwest Transportation Consortium (PacTrans), Seattle, WA., 42p. [Link]
43. Fisher, E., **Hurwitz, D.**, Lancaster, T., & Layton, R. (2019) Traffic Control Devices Program Review Multnomah County, Oregon, Local Technical Assistance Program, Corvallis, OR, 46p.
44. Hurwitz, D., **Horne, D.**, & Jashami, H.* (2019) Quantifying the Performance of Low-noise Transverse Rumble Strips. Oregon Department of Transportation (ODOT), Salem, OR, 46p. [Link]
45. Gambatese, J., **Hurwitz, D.**, Ahmed, A.*, & Aswad Mohammed, H.* (2019) Use of Blue Lights on Paving Equipment in Work Zones. Oregon Department of Transportation (ODOT), Salem, OR, 83p. [Link]
46. **Hurwitz, D.**, Horne, D.*, Jashami, H.*, Monsere, M., & Kothuri, S. (2019) Quantifying the Performance of Low-Noise Rumble Strips. Oregon Department of Transportation (ODOT), Salem, OR, 108p. [Link]

47. **Hurwitz, D.**, Lancaster, T., & Layton, R. (2018) Traffic Control Devices Program Review Toledo, Oregon, Local Technical Assistance Program, Corvallis, OR, 31p.
48. Chang, K., Warmbrodt, S., **Hurwitz, D.**, & Simpson, E.* (2018) Streamlining the Crash Reporting Process in the Pacific Northwest. Pacific Northwest Transportation Consortium (PacTrans), Seattle, WA, 108p. [Link]
49. **Hurwitz, D.**, Abadi, M.G.*, MaCormack, E., Goodchild, A., & Sheth, M. (2018) An Examination of the Impact of Increasing Commercial Parking Utilization on Cyclist Safety in Urban Environments. Pacific Northwest Transportation Consortium (PacTrans), Seattle, WA, 96p. [Link]
50. **Hurwitz, D.** & Abadi, M.G.* (2018) Improved Safety and Efficiency of Protected/Permitted Right Turns in the Pacific Northwest. Pacific Northwest Transportation Consortium (PacTrans), Seattle, WA, 69p. [Link]
51. **Hurwitz, D.,** Jashami, H.*, Buker, K.*, Monsere, C., Kothuri, S., & Kading, A. (2018) Improved Safety and Efficiency of Protected/Permitted Right Turns in Oregon. Oregon Department of Transportation (ODOT), Salem, OR, 138p. [Link]
52. **Hurwitz, D.,** Olsen, M., & Barlow, Z.* (2018) Driver Distraction Due to Drones. Oregon Department of Transportation (ODOT), Salem, OR, 100p. [Link]
53. **Hurwitz, D.**, Fleskes, K.*, Abdel-Rahim, A., Belz, N., Boyle, L., & Hajibabai, L. (2017) Mitigation of Lane Departure Crashes in the Pacific Northwest through Coordinated Outreach (Phase III). Pacific Northwest Transportation Consortium (PacTrans), Seattle, WA, 30p. [Link]
54. **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]
55. Gambatese, J., **Hurwitz, D.**, & Barlow, Z.* (2017) Highway Worker Safety. National Cooperative Highway Research Program (NCHRP) Synthesis Report, Washington, D.C., 149p. [Link]
56. Olsen, M., **Hurwitz, D.**, Kashani, A., & Buker, K.* (2016) 3D Virtual Sight Distance Analysis using Lidar Data. Pacific Northwest Transportation Consortium (PacTrans), Seattle, WA, 87p. [Link]
57. **Hurwitz, D.**, Abadi, M.*, McCrea, S.*, Quayle, S. & Marnell, P. (2016) Smarter Red Clearance Extension Systems. Oregon Department of Transportation (ODOT), Salem, OR, 139p. [Link]
58. **Hurwitz, D.**, Barlow, Z.*, Abdel-Rahim, A., Belz, N., Boyle, L., & Hajibabai, L. (2016) Mitigation of Lane Departure Crashes in the Pacific Northwest through Coordinated Outreach (Phase I). Pacific Northwest Transportation Consortium (PacTrans), Seattle, WA, 31p. [Link]
59. **Hurwitz, D.**, Boyle, L., Abdel-Rahim, A., Bham, G., & Cofer, W. (2015) Educating Teenage Drivers in the Pacific Northwest Regarding the Dangers of Distracted Driving - Phase II. Pacific Northwest Transportation Consortium (PacTrans), Seattle, WA, 29p. [Link]
60. **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.
61. **Hurwitz, D.**, Jannat, M.*, Warner, J.*, Monsere, C., & Razmpa, A. (2015) Towards Effective Design Treatment for Right-Turns at Intersections with Bicycle Traffic. Oregon Department of Transportation (ODOT), Salem, OR, 211p. [Link]
62. **Hurwitz, D.,** Olsen, M., & Neil, J.* (2015) Alternative Information Signs: An Evaluation of Driver Comprehension and visual Attention. Pacific Northwest Transportation Consortium (PacTrans) and Travel Oregon, Seattle, WA, 75p. [Link]
63. **Hurwitz, D.**, Boyle, L., Abdel-Rahim, A. & Brown, S. (2014) Educating Teenage Drivers in the Pacific Northwest Regarding the dangers of Distracted Driving - Phase I. Pacific Northwest Transportation Consortium (PacTrans), Seattle, WA, 20p. [Link]

64. **Hurwitz, D.,** Olsen, M., Marnell, P.*, & Mahmoudabadi, H. (2013) Rendering of Dense, Point Cloud Data in a High Fidelity Driving Simulator. Pacific Northwest Transportation Consortium (PacTrans), Seattle, WA, 26p. [Link]
65. **Hurwitz D.** (2013) An Activity-Based Learning Module for Human Factors in the Introductory Transportation Engineering Course. Oregon Transportation Research and Education Consortium (OTREC), OTREC-ED-13-03, Portland, OR, 8p. [Link]
66. **Hurwitz D.** (2013) Transportation Educators Conference: Advancement of the National Curriculum Project. National Science Foundation (NSF), Washington, D.C.
67. **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]
68. 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]
69. 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.
70. 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.
71. Knodler, M., & **Hurwitz, D.** (2008) Dilemma Zone Issues at High-speed Signalized Intersections. Vermont Agency of Transportation, Montpelier, VT, 55p. [Link]
72. Knodler, M. & **Hurwitz, D.** (2008) UMass Amherst Summer Transportation Institute Final Report. Massachusetts Executive Office of Transportation and Public Works, Boston, MA.
73. Knodler, M. & **Hurwitz, D.** (2008) "Demonstration and Evaluation of Rational Speed Limits Project Report (Supplemental)," Federal Highway Administration, Washington D.C.
74. 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.
75. Hymoff, C., Knodler, M., **Hurwitz, D.**, & Rothenberg, H. (2007) "Rational Speed Limit Demonstration Project," Massachusetts Governor's Highway Safety Bureau and Federal Highway Special Administration, Washington, D.C.

Industry Publications

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

Other Publications

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

PRESENTATIONS

Conferences and Professional Organizations

1. **Invited (co-presented with Adam Moore)**, Transportation Associate of Canada, Transportation Operations and Management Committee (TOMC), Dutch-Style Near-Side Bicycle Signal Countdown Timers, April 2, 2025.
2. **Invited**, LifeSavers, Evaluation of Bicyclist Physiological Response and Visual Attention in Commercial Vehicle Loading Zones, Long Beach, CA, March 9, 2025.
3. **Invited, (co-presented with Elsa Moreno Rangel*)**, TransPort, Validation of Speed Sensors at Signalized Intersections, January 15, 2025.
4. **Invited (co-presented with Logan Scott-Deeter*)**, Oregon Department of Transportation - Analysis Procedures Manual User Group Meeting, Truck Access into Roundabouts Research, October 9, 2024.
5. **Invited**, International Conference on Smart Traffic Control and Safety in Metropolitan Regions at Changan University in Xian, China, Opportunities to Improve Heavy Vehicle Operations at Congested Roundabouts, Oregon, Aug 1, 2024.
6. **Invited**, International Traffic Signal Control Conference at Sichuan Police College, Sichuan, Chengdu, China, Evaluation of a Dynamic Pedestrian Call Cancelation and Extension Pilot at a Signalized Mid-block Crossing in Washington County, Oregon, July 29, 2024.
7. **Invited**, ITE Transportation Educators Workshop, Philadelphia, Introduction and Overview, PA, July 20, 2024
8. **Invited (co-presented with Sirisha Kothuri)**, Northwest Transportation Conference at Oregon State University in Corvallis, OR, The Impacts of Intersection Treatments and Traffic Characteristics on Bicycle Safety, March 5, 2024.
9. **Invited Panel Member**, Evaluation: Where research and Policy Meet, International Cycling Safety Conference (ICSC), The Hauge, The Netherlands, November 16, 2023.
10. **Invited**, Traffic Safety and Operations Research in Oregon, WTS luncheon speaker, Salem, OR, November 23, 2023.
11. **Invited**, Research on Infrastructure to Support Pedestrian Road Crossing, National Committee on Uniform Traffic Control Devices (NCUTCD) Pedestrian Join Task Force (PJTF), Virtual Meeting, October 19, 2023.
12. **Invited (co-presented with Logan Scott-Deeter*)**, Commercial Motor Vehicle Operations at Roundabouts Under Congested Conditions: Field and Laboratory Evaluations, ODOT/ACEC Partnering Conference, Salem, OR, May 23, 2023.
13. **Keynote Address**, 88th Annual Pacific Northwest Section of ASEE Conferenced, Advancing Engineering Education with Sustained Professional Development and Collaborative Research, Gonzaga University, Spokane, WA, April 6, 2023.
14. **Invited**, Safer Symposium, *Driving and Bicycling Research Laboratory*, University at University of Puerto Rico Mayaguez in Mayaguez, Puerto Rico, February 19, 2023.
15. **Invited (co-presented with Sirisha Kothuri and Amy Wyman*)**, ODOT Traffic – Roadway – Access Management (TRAM) Conference, *ODOT SPR 840 & Dynamic Pedestrian Extension and Cancellation Systems*, Salem, OR, November 9, 2022.

16. **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.
17. **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.
18. **Invited**, Statewide Signal Timer's Meeting, PPRT with FYA Research Results, April 22, 2021
19. **Invited**, Oregon Traffic Control Devices Committee, *National Transportation Infrastructure Conversations*, March 19th, 2021.
20. **Invited**, ITE Western District Student Leadership Summit, Human-in-the-loop Simulation Research at Oregon State University, Virtual, January 17, 2021.
21. **Invited**, Oregon UAS Summit, *UAS and Driver Distraction,* Virtual, October 27, 2020.
22. **Invited (co-presented with Chris Monsere)**, Oregon Traffic Control Devices Committee, *Results sharing of NCHRP 20-07*, January 17th, 2020.
23. **Invited**, Oregon ITE Luncheon in Portland, OR, *Evaluation of Innovative Pedestrian and Bicycle Infrastructure through Research,* October 24, 2019.
24. **Invited**, Association of Pedestrian and Bicycle Professionals Annual Meeting, Portland, OR, *Evaluation of Innovative Pedestrian and Bicycle Infrastructure through Research*, August 27, 2019.
25. **Invited**, Keynote Address, 2019 New Student Convocation, Oregon State University, Corvallis, OR, September 24, 2019. (Approximately 3,500 audience members in-person)
26. **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.
27. **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.
28. **Invited,** PacTrans Annual Meeting, Fairbanks, AK, *Can Drone Operations Near Roadways Contribute to Driver Distraction?*, October 12, 2018.
29. **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.
30. **Invited (co-presented with Masoud Ghodrat Abadi*)**, 3rd Transportation Engineering Education Workshop at Auburn University, Auburn, AL, *Investigation of Context Across Engineering Domains: Bridging the Eye-Mind Divide*, May 22-23, 2018.
31. **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.
32. **Invited**, 17th 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.
33. **Invited**, OSU ASCE Student Chapter Speaker Meeting, Corvallis, OR, *Causal Factors of Right-Hook Crashes in Oregon*, February 16, 2016.
34. **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.
35. **Invited**, Work Zone Executive Strategy Session in Salem, OR, *Work Zone Safety Research*, December 7, 2015.

36. **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.
37. **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.
38. **Invited**, 15th 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
39. **Invited**, ExCEEd Teaching Workshop at Florida Gulf Coast University in Fort Myers, FL, *Making ExCEEd Work at Oregon State University,* July 26, 2015.
40. **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)*
41. **Invited**, Oregon ITE Luncheon in Portland, OR, *Driver Response to Countdown Timers,* October 16, 2014.
42. **Invited**, Oregon Transportation Summit in Portland, OR, *Driver Related Causal Factors for Right Hook Crashes*, September 15, 2014.
43. **Invited**, ExCEEd Teaching Workshop at United States Military Academy in West Point, NY, Making ExCEEd Work at Oregon State University, July 25, 2014.
44. **Invited**, ExCEEd Teaching Workshop at Florida Gulf Coast University in Fort Myers, FL, Making ExCEEd Work at Oregon State University, July 26, 2013.
45. **Invited**, ITE District 1 Annual Meeting in Northampton, MA, Integration of Professional Practice into Undergraduate Transportation Curriculum, May 22, 2013.
46. **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.
47. **Invited**, Oregon Transportation Summit in Portland, OR, Driving and Bicycling Simulator Research at OSU, September 9, 2011.
48. **Invited**, TransPort Technical Advisory Committee Meeting at ODOT Region 1 in Portland, OR, OSU Driving and Bicycling Simulator: Infrastructure & Active Research, August 10, 2011.
49. **Invited**, Educating Transportation Engineers Workshop at the TRB 90th Annual Meeting in Washington D.C., Behavior and Human Factors in the Introduction to Transportation Class, January 23, 2011.
50. **Invited**, Northwest Transportation Conference at Oregon State University in Corvallis, OR, The Role of Rational Speed Limits in Traffic Calming, February 10, 2010.
51. **Invited**, ITE District 1 Annual Meeting in Providence, RI, The relationship between Traffic Calming and Rational Speed Limits, May 2007.
52. **Invited**, New England ITE Section Annual Meeting in Warwick, RI, Evaluation of the Driver Speed Perception and Selection Processes, December 2005.

Webinars

1. **Invited**, ODOT Fall Forum (150 site logins), Breakout Session: Research to Reality-Innovating Transportation, October 2, 2024
2. **Invited (co-presented with Chris Schwarz & Patricia Tice)**, TRB Webinar (272 site logins), Can You See Me? Testing Pedestrian and Bicycle Conspicuity Assumptions, September 14, 2023.
3. **Invited**, iMotions, Path to Publication webinar #4: Transportation Simulators with Dr. Hurwitz, September 27, 2022.

4. **Invited (co-presented with Hisham Jashami)**, PBOT SSL, Passive Bicycle Detection: A Case Study of Two Sensor Systems in Portland, Oregon, August 18, 2022.
5. **Invited**, Joint OSU ITE Student Chapter and UPRM ITE Student Chapter Meeting, Virtual Panel Discussion on Transportation Research with Professor, February 18, 2021.
6. **Invited**, National Webinar (62 site logins), hosted by the Institute of Transportation Engineers (ITE), Transportation Career Paths and Opportunities, May 19, 2020.
7. **Invited (co-presented with Chris Monsere)**, National Webinar (214 site logins) hosted by the UNC Highway Safety Research Center, Driver Response at Signalized Intersections Operating the Flashing Yellow Arrow: Results from a Driving Simulator Experiment, October 25, 2018.
8. **Invited (co-presented with John Gambatese)**, National Webinar (427 views in first month) hosted by the National Cooperative Highway Research Program, Transportation Worker Safety Program Resources and Practices, September 26, 2017.
9. **Invited**, National Webinar (270 site logins) hosted by OTREC in Portland, OR, Driver Behavior in the Presence of Pedestrians at Signalized Intersections Operating the FYA, May 7, 2013.

Seminars and Presentations

1. **Invited**, Midwest Commercial Vehicle Safety Summit, Investigation of Heavy Vehicle Parking Design in Oregon Rest Areas, Kansas City, MO, December 17, 2025
2. **Invited Moderator**, ARCS Foundation Impact, Ignite! Event, Moderator of Scholar Alum Panel, Portland Art Museum, Portland, OR, October 7, 2025
3. **Invited**, Oregon Governor's Occupational Safety & Health Conference, *Transportation Human Factors Research Applied to Traffic Operations and Safety*, Portland, OR, March 4, 2025.
4. **Invited**, Oregon Institute of Occupational Health Sciences Seminar Series, *Transportation Human Factors Research Applied to Traffic Operations and Safety*, Portland, OR, February 12, 2025.
5. **Invited**, University of Arizona, Tucson, AZ, *Transportation Human Factors Research Applied to Traffic Operations and Safety*, January 22, 2025
6. **Invited**, ODOT Safety and Mobility Policy Advisory Committee (SMPAC), Truck Access to Roundabouts, August 23, 2023.
7. **Keynote Address**, ARCS Foundation Annual Garden Party, Positive outcomes from ARCS Fellowships at OSU. Corvallis, OR, July 29, 2023.
8. **Keynote Address**, ARCS Foundation Major Donors Event, Importance of Transportation Research in Higher Education as a Force for Good. Portland, OR, November 8, 2022.
9. **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.
10. **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.
11. **Invited**, Role of an ITE Student Chapter Advisor, ITE Western District Board Meeting, January, 21, 2022.
12. **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.
13. **Invited**, ISE Special Distinguished Research Seminar, University at Buffalo, April 1, 2021.
14. **Invited**, Transportation Operations and Safety Research at Oregon State University at University of Puerto Rico Mayaguez in Mayaguez, Puerto Rico, November 21, 2019.
15. **Invited**, Transportation Operations and Safety Research at Oregon State University at Tongji University in Shanghai, China, September 09, 2019.

16. **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.
17. **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.
18. **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.
19. **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.
20. **Invited**, Lunch Presentation on Connected Signals in Eugene, OR, Consideration of Traffic Signal Countdown Timers, November 22, 2017.
21. **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.
22. **Invited**, Faculty Research Presentations to for the COE Alumni Fellow at Oregon State University, Corvallis, OR, Transportation Operations and Safety Research, October 23, 2015.
23. **Invited**, Seminar at Kittelson & Associates, Inc. in Portland, OR, Transportation Engineering at Oregon State University, April 22, 2014.
24. **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.
25. **Invited,** Guest lecture - Intro to transportation at Washington State University in Pullman, WA, Driver Behavior at Signalized Intersections, March 26, 2012.
26. **Invited**, Seminar at Kittelson & Associates, Inc. in Portland, OR, OSU Driving and Bicycling Simulator: Infrastructure & Active Research, August 10, 2011.
27. **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.
28. **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., Bejing, China, August 1, 2015.
3. **Attendee**, Post Summit Workshop of CICTP, COTA, Chengdu, China, July 29, 2015.
4. **Attendee**, TUES Program PI Conference, NSF, Washington, D.C., January 23-24, 2013.
5. **OTREC Delegate**, ITS JPO Strategic Research Plan Univ. Workshop, Washington, D.C., April 2010.
6. **Attendee**, Transpo. Educators Conference, NIATT & OTREC, Portland, OR, June 22-24, 2009.

EXTERNAL SUPPORT

Current

1. **Hurwitz, D.** Oregon Department of Transportation (ODOT) “Linking Oregon Driver Records and Crash Data to Evaluate Interventions and Mitigate Driver Risk” 10/01/2023 to 09/30/2025, $185,000 (Total); $185,000 (Hurwitz)
2. Noyce, D., Chitturi, M., Knodler, M., Christofa, E., **Hurwitz, D.**, Koonce, P., Cobb, D., Miller, R. NCHRP 17-106 “Motorist Behavior and Safety Impacts on Bicyclists from Centerline and Shoulder Rumble Strips on High-Speed Two-Lane Highways” 01/01/2023 to 12/20/2025, $400,000 (Total); $94,840 (Hurwitz)

3. Gambatese, J. (PI) & **Hurwitz, D.** (co-PI) MJ Murdock Charitable Trust "Virtual Construction and Transportation Safety Laboratory" 01/01/2021 to 12/31/2025, $392,826 (Total); $196,500 (Hurwitz)
4. **Hurwitz, D.** (Washington County) "Research Collaboration with OSU & Washington County" 11/01/2023 to 12/31/2025, $100,000 (Total); $100,000 (Hurwitz)
5. **Hurwitz, D.** (PI), Jashami (co-PI) Oregon Department of Transportation (ODOT) "pre/post safety studies" 01/01/2025 to 02/28/2026, $100,000 (Total); $72,000 (Hurwitz)
6. **Hurwitz, D.**, Monsere, C., Kothuri, S. Oregon Department of Transportation (ODOT) "Developing Guidance on Leading Pedestrian Intervals and Curb Extensions to Improve Pedestrian Safety at Signalized Intersections" 09/01/2023 to 04/30/2026, $210,000 (Total); $120,000 (Hurwitz)
7. **Hurwitz, D.** PBOT "OSU-PBOT Research Collaboration" 10/01/2024 to 06/30/2026; $125,000 (Total); $125,000 (Hurwitz)
8. **Hurwitz, D.** (PI), Kothuri, S. (Co-PI), & Monsere, C. Oregon Department of Transportation (ODOT) "Evaluation of the Relationship between Near Misses and Crash Outcomes at Intersections in Oregon" 10/01/2024 to 09/30/2026, $210,000 (Total); $115,000 (Hurwitz)
9. **Hurwitz, D.** (PI) Crash Safety Research Center (CSRC) Toyota North America "Improving Driver Response to Safety Critical Scenarios", 04/01/2025 to 12/31/2026, $250,000 (Total), $250,000 (Hurwitz)
10. Gambatese, J., **Hurwitz, D.**, Nnaji, C., Geedipally, S., Ullman, J. NCHRP 17-107 "Guide for Work Zone Intrusion Prediction and Prevention" 05/01/2023 to 12/31/2026, $600,000 (Total); $110,437 (Hurwitz)
11. Zhou, H. Hugo, **Hurwitz, D.**, Tobias, P. A. NCHRP 15-86 "Assessing Pedestrian Sight Distance for Crossing Decisions" 09/15/2025 to 09/15/2027; $350,000 (Total) $80,000 (Hurwitz)
12. Ryan, A. & **Hurwitz, D.** American Automobile Association Foundation for Traffic Safety (AAA FTS) "Quantifying the Safe Mobility Benefits of Infrastructure Investment Using Updated National and State Data" 09/01/2025 to 11/30/2026, $425,000 (Total); $190,000 (Hurwitz)
13. **Hurwitz, D.** Oregon Department of Transportation (ODOT) "Engineering Safety Short Courses and Distance Learning" 10/01/2025 to 09/30/2026, $250,000 (Total); $250,000 (Hurwitz)
14. **Hurwitz, D.** Oregon Department of Transportation (ODOT) "Safety Features for Local Roads and Streets" 10/01/2025 to 09/30/2026, $175,000 (Total); $175,000 (Hurwitz)

Completed

1. **Hurwitz, D.** Oregon Department of Transportation (ODOT) "Engineering Safety Short Courses and Distance Learning" 10/01/2024 to 09/30/2025, $250,000 (Total); $250,000 (Hurwitz)
2. **Hurwitz, D.** Oregon Department of Transportation (ODOT) "Safety Features for Local Roads and Streets" 10/01/2024 to 09/30/2025, $175,000 (Total); $175,000 (Hurwitz)
3. Wang, H., **Hurwitz, D.** Federal Rail Administration (FRA) "Planning for a Climate-Resilient Rail System by Training Existing and Investing in the Future Workforce (REIN-FORCE)", 09/01/2024 to 08/31/2025; $52,063 (Total); $22,693 (Hurwitz)
4. Ryan, A. & **Hurwitz, D.** American Automobile Association Foundation for Traffic Safety (AAA FTS) "A Thoughtful Approach to the Integration of Equity in Traffic Safety" 11/01/2023 to 06/06/2025, $461,314 (Total); $205,000 (Hurwitz)
5. Jashami, H. (PI) & **Hurwitz D.** (co-PI) Crash Safety Research Center (CSRC) Toyota North America "Evaluation of an In-Vehicle Human Machine Interface to Mitigate Dilemma Zone Conflicts" 10/01/2024 to 02/30/2025, $70,000 (Total); $20,000 (Hurwitz)
6. **Hurwitz, D.** Oregon Department of Transportation (ODOT) "Signal-Controller-In-The-Loop Simulation for Testing and Deploying Advanced Signal Operations on Arterial Roadways" 10/01/2022 to 11/30/2024; $215,000 (Total); $215,000 (Hurwitz)

7. Miller, S., **Hurwitz D.** NHTSA "Additional Considerations for Making ADS Vehicles Accessible for All Road Users" 09/01/21 to 12/31/24, $430,000 (Total); $227,538 (Hurwitz)
8. **Hurwitz, D.** PBOT "OSU-PBOT Research Collaboration" 04/01/2022 to 12/30/2024; $110,000 (Total); $110,000 (Hurwitz)
9. **Hurwitz, D.** Oregon Department of Transportation (ODOT) "Engineering Safety Short Courses and Distance Learning" 10/01/2023 to 09/30/2024, $250,000 (Total); $250,000 (Hurwitz)
10. **Hurwitz, D.** Oregon Department of Transportation (ODOT) "Safety Features for Local Roads and Streets" 10/01/2023 to 09/30/2024, $175,000 (Total); $175,000 (Hurwitz)
11. **Hurwitz, D.** (PI) & Law, C. ODOT & FHWA "National Summer Transportation Institute 2024" 01/01/2024 to 09/30/2024, $49,999 (Total); $34,257 (Hurwitz)
12. Brodie, S., Sanders, R., & **Hurwitz, D.** National Cooperative Highway Research Program (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)
13. Fink, C. (PI), Chrzan, J., Schultheiss, B., Monsere, C., McNeil, N., Kothuri, S., Anderson, J., Sanders, R., Schoner, J., Hurwitz, D., Jashami, H., & Breuer, H. National Cooperative Highway Research Program (NCHRP) 17-53 (Sub to Toole). "Design Options to Reduce Turning Motor Vehicle – Bicycle Conflicts at Controlled Intersections" 10/02/2020 to 06/03/2024, $600,000 (Total); $90,000 (Hurwitz)
14. **Hurwitz, D.** (PI) & Hernandez, S. Oregon Department of Transportation (ODOT) "Truck Access into Roundabouts" 01/01/2022 to 10/31/2023, $336,000 (Total); $174,754 (Hurwitz)
15. **Hurwitz, D.** Oregon Department of Transportation (ODOT) "Safety and User Perceptions of Auxiliary Bicycle Lanes" 09/01/2022 to 02/28/2024, $50,000 (Total); $50,000 (Hurwitz)
16. **Hurwitz, D.** (PI) & Monsere, C. Oregon Department of Transportation (ODOT) "Removing Residual Lane Markings to Reduce Driver Confusion – Best Practice," 09/01/2021 to 09/30/2024; $210,000 (Total); $120,000 (Hurwitz)
17. **Hurwitz, D.** Oregon Department of Transportation (ODOT) "Safety Features for Local Roads and Streets" 05/15/2024 to 09/30/2024, $150,000 (Total); $150,000 (Hurwitz)
18. **Hurwitz, D.** (PI) & Law, C. ODOT & FHWA "National Summer Transportation Institute 2023" 01/01/2023 to 12/31/2023, $49,683 (Total); $34,254 (Hurwitz)
19. Wang, Y. (PI), Makenzie, D., Ban, J., & **Hurwitz, D.** United States Department of Transportation (USDOT). Regional University Transportation Center Proposal for Region 10" 09/21/2016 to 09/30/2023, Up to $14,350,000 (Total) + CR for a 6th year
20. **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
21. **Hurwitz, D.** Pacific Northwest Transportation Consortium (PacTrans). "Region 10 Mobility UTC – OSU Administration Yr 6," 01/01/2022 to 06/30/2023, $91,670 (Total); $91,670 (Hurwitz)
22. 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 011/25/22, $1,855,934 (Total); $438,017 (Hurwitz)
23. 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)
24. **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)

25. 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)
26. **Hurwitz, D.** (PI) & Law, D. ODOT & FHWA "National Summer Transportation Institute 2022" 01/01/2022 to 09/30/2022, $49,683 (Total); $33,815 (Hurwitz)
27. **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)
28. **Hurwitz, D.** (PI) Portland Bureau of Transportation. "Portland Bikeways Evaluation" 11/01/2020 to 12/30/2022, $80,000 (Total); $80,000 (Hurwitz)
29. **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)
30. **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)
31. 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)
32. 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)
33. **Hurwitz, D.** (Washington County). "Forming a research collaboration with Washington County," 01/01/2019 to 12/30/2021, $145,000 (Total); $145,000 (Hurwitz)
34. **Hurwitz, D.** ODOT & FHWA "2021 National Summer Transportation Institute" 01/01/2021 to 09/30/2021, $48,499 (Total); $48,499 (Hurwitz)
35. 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)
36. **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)
37. 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)
38. 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)
39. 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)
40. 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)
41. **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)
42. **Hurwitz, D.** (PI) and C. Federal Highway Administration (FHWA). "OSU Summer Transportation Institute 2020" 03/01/2020 to 09/30/2020, $47,500.50 (Total); $47,500.50 (Hurwitz)

43. **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)
44. 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)
45. **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)
46. MaCormack, E. (PI @ UW), Goodchild, A. (Co-PI @ UW), & **Hurwitz, D.** (Co-PI), Pacific Northwest Transportation Consortium (PacTrans). "Developing Design Guidelines for Commercial Vehicle Envelopes on Urban Streets," 09/16/2017 to 02/15/2020, $180,000 (Total); $90,000 (Hurwitz)
47. Abdel-Rahim (PI), A., **Hurwitz, D.** (Co-PI), Ban, J., Connor, B., & Hajbabaie, A., Pacific Northwest Transportation Center (PacTrans). "Characterization of Underserved Population Perceptions and Mobility Needs in Connected-Vehicle and Smarter City Environments – Phase I & II," 09/16/2017 to 09/15/2019, $350,000 (Total); $65,000 (Hurwitz)
48. **Hurwitz, D.** (Philanthropic Gift). Neil Nightingale Memorial Driving Simulator Fund. 2019 $100,000 (Total); $95,000 (Hurwitz)
49. 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)
50. **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)
51. 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)
52. **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)
53. 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)
54. **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)
55. **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)
56. **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)
57. 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)
58. **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)

59. **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)
60. **Hurwitz, D.** (PI), MaCormack, 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)
61. **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)
62. **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)
63. **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)
64. **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)
65. **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)
66. **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)
67. 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)
68. 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)
69. **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)
70. **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)
71. **Hurwitz, D.** (PI) Oregon Department of Transportation (ODOT). "Northwest Transportation Conference Featured Speakers," 2/14/2014-4/14/2014, $12,500 (Hurwitz)
72. **Huwitz, 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)
73. **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)

74. 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)
75. **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)
76. **Huwitz, 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)
77. **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)
78. 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)
79. **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)
80. **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)
81. 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)
82. **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)
83. **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)
84. **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)
85. 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)
86. 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)
87. **Hurwitz, D.** (PI) Oregon Department of Transportation (ODOT). "Relating Traffic Systems Management and Operations Strategies to ODOT Policy Goals," 11/23/2009 to 9/30/2011, $121,663 (Hurwitz)

INTERNAL SUPPORT

Current

1. None.

Completed

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

RESEARCH STAFF MENTORED

Assistant Professor (Senior Research)

Current

1. Hisham Jashami, PhD, RSP_1, 2022 - Present

Completed

1. None.

Post-Doctoral Scholar

Current

1. None.

Completed

1. Dr. Logan Scott-Deeter, Delivering Traffic Safety Workforce Development Trainings and Technical Assistance Across Oregon, 2024 – 2025, Engineer, olsson, Colorado Springs, Colorado
2. Dr. Hagai Tapiro, Evaluation of Driver Performance and Workload during Takeover Events, 2017 – 2019, Post-Doc at Eindhoven University of Technology, Eindhoven, Netherlands

Administrative Program Specialist

Current

1. Emily Philips, 2023 – Present

Completed

1. None.

STUDENTS MENTORED

Doctoral Students

Current

1. Nathan Selden, TBD, 2025 - Present
2. Louisa Wildman, Evaluating Rest-on-Red Signal Timing Concepts along Coordinated Cooridors, 2027 – Present
3. Jane Weber, Increasing Equity in Traffic Safety, 2024 – Present
4. Elsa Moreno Rangel, Developing Guidance on Leading Pedestrian Intervals and Curb Extensions to Improve Pedestrian Safety at Signalized Intersections, 2023 – Present
5. Syed Baqir UI Husain, Hardware-in-the-loop Simulation for coordinated corridors, 2022 – Present

Completed

1. Helena (Lena) Breuer, Innovative Design Solutions for Motorist-Cyclist Conflicts, 2024, Consultant at Forensic Human Factors, Columbus, OH
2. Amy Wyman, 2024, Towards Developing Pedestrian Safety, Efficiency, and Intuition at Signalized Intersections, Assistant Professor at California State University Sacramento, Sacramento, CA
3. Logan Scott-Deeter, 2024, Heavy Truck Gap Acceptance Behavior at Congested Single Lane Roundabouts: Challenges and Solutions, Post-Doctoral Scholar, Oregon State University
4. 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
5. Doug Cobb, 2020, Evaluation of Cycling Behavior: Factors that Influence Cyclists' Comprehension, Comfort, and Stress, City Traffic Engineer at Coral Gables, FL
6. 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
7. Dylan Horne, 2019, Sound and Vibration Analysis of Alternative Rumble Strips, Shop Mechanic/Board Member at The Pedal Factory, Salisbury, NC
8. 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
9. Zachary Barlow, 2019, Driver Distraction from Unmanned Aerial Systems: Evidence, Policy, and Mitigation, Project Manager at Ironside Engineering and Development, Show Low, AZ
10. Masoud Ghodrat Abadi, 2018, Design and Operational Considerations for Bicycles on Transportation Infrastructure, Assistant Professor at California State University Sacramento, Sacramento, CA
11. Mohammad Islam, 2014, Safety and Efficiency Benefits of Traffic Signal Countdown Timers, Transportation Engineer at Traffic Technology Services, Inc., Beaverton, OR
12. 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. Chayse Quayle, TBD, 2025 - Present

2. Timila Maharjan, Befor and After Evaluation of Highway Safety Improvement Fund Projects, 2024 - Present
3. Erika Anderson, Evaluation of Human Machine Interface for Dilemma Zone Warning , 2024 - Present

Completed

1. Elsa Moreno Rangel, Smart Solutions for Vehicle Speed Detection at Signalized Intersections, 2025, PhD student at Oregon State University, Corvallis, OR
2. Wyatt Brown, Evaluating the Frequency of Conflicts between Bicycles and Vehicles in Single Lane Roundabouts, 2025, Transportation Engineer at HDR, Bend, OR
3. Shoroq Alabdali, 2024, Validation of Automated Traffic Signal Performance Measures in Portland, Oregon, Civil Engineer, Ministry of Public Works (MPW), Kuwait.
4. Sarah Carr, 2024, Evaluation of Dutch-Style Signal Countdown Timer Performance and Compliance at Signalized Intersections in Portland, Oregon, PhD student at Iowa State University
5. Jane Weber, 2024, Evaluation of Ghost Lines on Driver Behavior and Safety, PhD student at Oregon State University
6. Keiza Suwandhaputra, co-advised with Dr. Robert Bertini, Strategies to Improve Pedestrian Safety at Night, 2023, Transportation Engineering Associate at City of Los Angeles Department of Transportation, Los Angeles, CA
7. Jasmin Woodside, Evaluation of Idaho Stop Laws in the Pacific Northwest, 2022, Civil Engineer at Akana, Portland, OR
8. Yujun Liu, Evaulation of Commercial Motor Vehicle Operator Behavior During Parking Manuvers in Urban Environments, 2022, Transportation Engineer at HDR, Portland, OR
9. McKenna Milacek, Development of an improved Safety Investigations Manual for the Oregon Department of Transportation, 2022, Transportation Engineer at Kittelson and Associates, Portland, OR
10. Eileen Chai, Evaluation of the Impact of Crosswalk Placement on Pedestrian Safety, 2022, Transportation Engineer at DKS Associates, Portland, OR
11. Logan Scott-Deeter, Assessing the Impact of Three Intersection Treatments on Bicyclist Safety, 2021, PhD student at Oregon State University, Corvallis, OR
12. Travis Larson, Evaluation of Passive Pedestrian Detection with a Framework for Future Applications, 2020, Transportation Engineer at DKS Associates, Salem, OR
13. 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
14. Ellen Simpson, 2018, Development and Testing of a Mobile Radar Based Vehicle Trajectory Detection System, Transportation Engineer at HDR, Portland, OR
15. Kayla Fleskes, 2018, Influence of Bicyclist Presence on Driver Performance during Autonomous Vehicle Take-Over Requests, Transportation Engineering at DKS Associates, Portland, OR
16. 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
17. Kamilah Burker, 2017, Evaluation of Desktop Learning Modules in Civil Engineering Classrooms to promobe Inductive and Interactive Learning, Transportation Engineer, DKS Associates, Portland, OR
18. Sarah McCrea, 2015, Consideration of User Behavior in the Design of Red Light Extension Systems, Engineer Assistant, at Sandow Engineering, Eugene, OR.

19. Jennifer Warner, 2015, Design Alternatives to Mitigate Right Hook Crashes, Transportation Engineer at Stantec, Mechanicsburg, PA
20. Julia Kautz, 2015, Implications of Distraction on Pedestrian Behavior, Engineer 1 at Los Alamos National Laboratory, Los Alamos, NM.
21. Justin Neill, 2014, Evaluation of Alternative Information Signs in Oregon, Transportation Engineer at Traffic Technology Solutions, Beaverton, OR
22. 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
23. Joshua Swake, Driving Simulation: A Mechanism for Understanding Driver Response to Mobile Barriers in Work Zones, 2013, Transportation Engineering at DKS Associates, Portland, OR
24. Halston Tuss, 2012, Improved Pedestrian Safety at Signalized Intersections Operating the Flashing Yellow Arrow, Transportation Engineer, DKS Associates, Salem, OR
25. Derek Moore, 2012, Fuzzy Logic for Imporved Dilemma Zone Identification: A Simulator Study, Transportation Engineer, DKS Associates, Salem, OR
26. 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. Xinyang Du, 2025
2. Zurita Zharita, 2022
3. Hisham Jahsami, 2019
4. Jie Sun, 2019
5. Xufeng Tang, 2016
6. Zachary Williams, 2013
7. Keith Blair, 2012

Undergraduate Honors College Students

Current

1. Emilio Ronaldo Calderon, Evaluation of Motorist Visual Attention at Stop Controlled Intersections with Bicycle Rolling Stop Laws
2. Aiden Gray, Linking Oregon Driver Records and Crash Data to Evaluate Interventions and Mitigate Driver Risk

Completed

1. Cyrus Scarboro-Ford, 2025, An Evaluation of Cyclist Visual Attention during Door Zone Collisions
2. Alden Sova, 2019, An Analysis of Driver's Visual Attention when Exposed to Roadside Drone Operations
3. Cadell Chand, 2018, Determination of Bicyclist Behavior during a Dooring Crash
4. Amy Wyman, 2016, Visual Attention to Red Signal Countdown Timers Among Oregon Drivers
5. Makenzie Ellett, 2015, Influence of Texting on Driver Glance Patterns and Lane Position on Horizontal Curves, BSCE student at Oregon State University

6. 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. Pouyan Saeidian, PhD in CE, TBD
2. S M Rahat Rahman, PhD in CE, TBD
3. Navid Yaghoubisharif, PhD in CE, Fall 2026
4. Benyamin Ghoreishi, PhD in CE, Spring 2026
5. Rakan Mohammad Radwan Albatayneh, MS in CE, Summer 2025

Completed

1. Chenqiang Liu, PhD in CE, Summer 2025
2. Md Moshiur Rahman, MS in CE, Spring 2025
3. Navid Yaghoubisharif, MS in CE, Fall 2024
4. Mohammad Rayeedul Siam, PhD in CE, Summer 2023
5. James Umphress, MS in CE, Summer 2023
6. Sukallyan Ghosh, MS in CE, Spring 2023
7. Namu Timilsina, MS in CE, Spring 2023
8. Jaekook Kim, MS in CE, Summer 2022
9. Zhikang Shi, MEng in CE, Fall 2021
10. Mohammad Rayeedul Kalam Siam, MEng in CE, Spring 2021
11. Ihsan Obaid, PhD in CE, Summer 2021
12. Chen Chen, PhD in CE, Summer 2021
13. Hamsa Abbas Nayyef Zubaidi, PhD in CE, Spring 2021
14. Xuanyang Zhao, MEng in CE, Winter 2021
15. Aleah Olsen, MS in CE, Spring 2020
16. Alireza Mostafizi, PhD in CE, Spring 2019
17. Matthew (Matt) Haynes, MS in CE, Spring 2019
18. Kaden Kinser, MS in CE, Spring 2019
19. Kenneth Faiwoyife, MS in CE, Winter 2019
20. Nabeel Saleem Saad Al-Bdairi, PhD in CE, Summer 2018
21. Shangjia Dong, PhD in CE, Summer 2018
22. Jason Anderson, PhD in CE, Summer 2018
23. Chongchong Li, MEng in CE, Spring 2018
24. Joseph Claveria, MS in CE, Spring 2018
25. Harith Abdulsattar, PhD in CE, Spring 2018
26. Yue Xu, MS in CE, Spring 2017
27. Chen Chen, MS in CE, Spring 2017
28. Katarina Morowsky, PhD in IE, Spring 2017
29. Jason Pascoe, MS in CE, Fall 2016
30. Keisha Villanueva, MS in CE, Summer 2016
31. Edger Castro, MS in CE, Summer 2016
32. Tianjiao Li, MS in CE, Spring 2016
33. Hongzhang Chenji, MEng in CE, Winter 2016
34. Adriana Debora Piemonti, PhD in CE, Fall 2015
35. Shangjia Dong, MS in CE, Fall 2015
36. Dejan Dudich, MS in CE, Fall 2015

37. Hamid Mahmoudabadi, PhD in CE, Summer 2015
38. Floraliza Bornasal, PhD in CE, Spring 2015
39. Allie Peters, MS in CE, Spring 2015
40. Lu Liu, MSCE, Winter 2014
41. Amirali Saeedi, PhD in IE, Winter 2013
42. Ian Roholt, MSCE, Winter 2013
43. Jianfei Zheng, MSCE, Fall 2012
44. Lacy Brown, MSCE, Summer 2012
45. Keith Williams, MSCE, Spring 2012
46. Megan Mecham, MSCE, Spring 2012
47. Ioana Cosma, MSCE, Spring 2012
48. Raul Avelar, PhD in CE, Spring 2012
49. Meng Li, MSCE, Fall 2011
50. Yanfen Zhou, MSCE, Spring 2011
51. Mafruhatul Jannat, MSCE, Spring 2011
52. Brett Cowgill, MEng, Spring 2011
53. Fei Xie, MSCE, Winter 2011
54. Neil Kopper, MSCE, Spring 2010

Graduate Council Representative (GCR)

Current

1. Connor Kutzler, PhD in Psych, Spring 2028

Completed

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

Hourly Graduate Research Assistants (GRA)

Current

1. None.

Completed

1. Mahde Abusaleh, NE, Summer 25

Undergraduate Research Assistants (URA)

Current

1. Jaime Shepherd, CE, Fall 25
2. Alexa Baruela, CS, Spring 24, Summer 24, Fall 24, Winter 25, Spring 25, Fall 25
3. Keith Kobayashi, CE, Spring 24, Summer 24, Fall 24, Winter 25, Spring 25, Fall 25
4. Phannawich Jadpotwanich, CS, Winter 24, Spring 24, Summer 24, Fall 24, Winter 25, Spring 25, Fall 25
5. Nelson Torres, CE, Summer 24, Fall 24, Winter 25, Spring 25, Fall 25
6. Emilio Ronaldo Calderon, CE, Winter 2023, Spring 23, Fall 23, Winter 24, Spring 24, Fall 24, Winter 25, Spring 25, Fall 25

7. Charles Tuckfield, CE, Summer 25, Fall 25
8. Aiden Gray, CE, Fall 23, Winter 24, Spring 24, Fall 24, Winter 25, Spring 25, Summer 25, Fall 25

Completed

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

Highschool Research Assistants (HRA)

Current

1. Sree Kokkonda, Interlake Highschool, Fall 25
2. Clarence Fernando, Crescent Valley High School, Spring 25, Summer 25, Fall 25

Completed

1. None.

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

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**, 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
- **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

Number	Course Title	Term/Year	Credits	Enrollment
CE 595	Traffic Operations and Design	Fall 2009	3	11
CE 392	Intro to Highway Engineering	Spring 2010	4	31
CE 595	Traffic Operations and Design	Fall 2010	3	16
CE 392	Intro to Highway Engineering	Winter 2011	4	57
CE 590	Isolated Signalized Intersections	Spring 2011	3	15
CE 595	Traffic Operations and Design	Fall 2011	3	9
CE 595	Isolated Signalized Intersections	Winter 2012	3	5

CE 392	Intro to Highway Engineering	Spring 2012	4	34
CE 595	Traffic Operations and Design	Fall 2012	3	21
CE 590	Driving Simulation	Winter 2013	3	14
CE 552	Isolated Signalized Intersections	Spring 2013	3	9
CE 595	Traffic Operations and Design	Fall 2013	3	7
CE 590	Driving Simulation	Winter 2014	3	4
CE 392	Intro to Highway Engineering	Spring 2014	4	47
CE 595	Traffic Operations and Design	Fall 2014	3	16
CE 552	Isolated Signalized Intersections	Winter 2015	3	15
CE 392	Intro to Highway Engineering	Spring 2015	4	26
CE 595	Traffic Operations and Design	Fall 2015	3	18
HC 408	Thesis Learn	Fall 2015	3	32
CE 507	Transportation Seminar	Winter 2016	1	15
CE 392	Intro to Highway Engineering	Spring 2016	4	27
CE 595	Traffic Operations and Design	Fall 2016	3	8
CE 552	Isolated Signalized Intersections	Winter 2017	3	9
CE 507	Transportation Seminar	Winter 2017	1	8
CE 392	Intro to Highway Engineering	Spring 2017	4	28
CE 595	Traffic Operations and Design	Fall 2017	3	11
ENGR 407	CECOP/CE/CEM/FE	Fall 2017	1	30
CE 507	Transportation Seminar	Winter 2018	1	5
CE 554	Driving Simulation	Winter 2018	3	10
CE 392	Intro to Highway Engineering	Spring 2018	4	16
CE 595	Traffic Operations and Design	Fall 2018	3	8
ENGR 407	CECOP/CE/CEM/FE	Fall 2018	1	21
CE 507	Transportation Seminar	Winter 2019	1	6
CE 552	Isolated Signalized Signals	Winter 2019	3	6
HC 408	HC Thesis: Stage 2	Winter 2019	1	45
CE 392	Intro to Highway Engineering	Spring 2019	4	20
CE 392	Intro to Highway Engineering	Spring 2020	4	27
CE 595	Traffic Operations and Design	Fall 2020	3	20
ENGR 407	CECOP/CE/CEM/FE	Fall 2020	1	25
CE 552	Isolated Signalized Signals	Winter 2021	3	13
CE 507	Transportation Seminar	Winter 2021	1	14
CE 392	Intro to Highway Engineering	Spring 2021	4	52
CE 595	Traffic Operations and Design	Fall 2021	3	10
CE 392	Intro to Highway Engineering	Spring 2022	4	21
CE 552	Isolated Signalized Signals	Fall 2022	3	9
CE 392	Intro to Highway Engineering	Spring 2023	4	19
CE 499/599[a]	Sustainable Mobility in the Netherlands	Summer 2023	4	18
CE 595	Traffic Operations and Design	Fall 2023	3	12
CE 392	Intro to Highway Engineering	Spring 2024	4	26
CE 554	Driving Simulation	Fall 2024	3	16
CE 392	Intro to Highway Engineering	Spring 2025	4	49
CE 595	Traffic Operations and Design	Fall 2025	3	14
CE 392	Intro to Highway Engineering	Spring 2026	4	TBD

[a]*Co-Instructed w/ Dr. Robert Bertini*

Guest Lecturer

- IE 507 Human Centered Design Seminar; SRS & PPRT Research (50 min, 10 students), Spring 19
- ROB 567 Human Robot Interaction; Autonomous Vehicles (1hr, 9 students), Spring 19
- CE 101 Intro to Civil Engineering; Transportation Lecture (50 min, approx. 150 students), Fall 18
- CE 101 Intro to Civil Engineering; Transportation Lecture (50 min, approx. 150 students), Fall 17
- IE 507 Human Centered Design Seminar; Ops and Safety (50 min, 10 students), Winter 17
- CE 101 Intro to Civil Engineering; Transportation Lecture (50 min, 150 students), Fall 15
- HC 408: Faculty Panel (45 min, 20 students), Spring 15
- IGERT in Aging Science Seminar (50 min, 10 students), Spring 15
- CE 101 Intro to Civil Engineering; Transportation Lecture (50 min, 167 students), Fall 13
- ENGR 211H Statics (Honors); Transportation Lecture & Sim Tour (50 min, 16 students), Fall 13

Non-Credit Courses and Workshops

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

International Teaching

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

OSU National Summer Transportation Institute (NSTI)

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

- **Director**, OSU NSTI for 24 rising 9th-12th grade students, August 4 - 8, 2025
- **Director**, OSU NSTI for 26 rising 9th-12th grade students, August 5 - 9, 2024
- **Director**, OSU NSTI for 25 rising 9th-12th grade students, July 17 - 21, 2023
- **Director**, OSU NSTI for 25 rising 9th-12th grade students, July 25 - 29, 2022
- **Director**, OSU NSTI for 17 rising 9th-12th grade students, July 26 - 30, 2021
- **Director**, OSU NSTI for 9 rising 9th-12th grade students, 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 (48 slots per year). Workshop mentors are exemplary 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

- **Editorial Board Member**, *Journal of Safety Research*, 2025 - Present

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

Advisory Boards

- **Member**, Subject Matter Experts Panel, U.S. Fire Administration Project, 2024 - 2025
- **Member**, Project Advisory Board, International Research Centre to Investigate the Effects of Vehicle Automation on Vulnerable Road Users (ICAROS), 2021 - 2025
  - **Attendee**, Annual Project Advisory Board Meeting, The Hauge, Netherlands, Nov. 12-17, 2023
  - **Attendee**, Annual Project Advisory Board Meeting, Loughborough, England, Sept. 4-9, 2022

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

Proposals

- Swiss National Science Foundation, 2023
- Israeli Ministry of Innovation, Science and Technology
  - Smart Mobility, transportation infrastructure, and safety, 2023
- Mathematics of Information Technology and Complex Systems (MITACS)
  - Accelerate Umbrella Proposal, 2023, 2024
- University of Massachusetts Amherst, 2022
- University of Sharjah, United Arab Emirates, 2022
- Center for Transportation, Equity, Decisions and Dollars (CTEDD), University of Texas at Arlington, 2022
- National Institute for Congestion Reduction (NICR), University of South Florida, 2021, 2022
- Natural Sciences and Engineering Research Council of Canada (NSERC)
  - Canada Research Chair, 2025
  - Discovery Grant Proposal, 2021, 2022
  - Civil, Industrial and Systems Engineering (EG 1509), 2018, 2019
- Urban Mobility & Equity Center (UMEC), Morgan State University, 2018
- Pacific Northwest Transportation Research Consortium (PacTrans)
  - Small Grants at the University of Idaho, 2018
  - Small Grants at Washington State University, 2017, 2018, 2019
- Transportation Research Center for Livable Communities (TRCLC), Western Michigan University, 2015
- National Center for Transportation Systems Productivity and Management (NCTSPM), Georgia Tech, 2013
- National Institute for Transportation and Communities (NITC), Portland State University, 2012, 2013, 2014, 2015, 2016, 2017, 2021
- Mountain-Plains Consortium (MPC), North Dakota State University, 2012, 2014, 2015
- National Science Foundation (NSF),
  - Review Panelist, 2012, 2017
- Qatar National Research Fund (QNRF)
  - National Priorities Research Program (NPRP), 2014, 2015, 2016
  - Undergraduate Research Experience Program (UREP), 2011, 2012, 2013, 2014, 2019, 2020, 2021, 2022
- Mid-American Transportation Center (MATC), University of Nebraska-Lincoln, 2011, 2013, 2018, 2025
- UMass Transportation Center, University of Massachusetts Amherst, 2010, 2011, 2013

- Ohio Transportation Consortium (OTC), University of Akron, 2010
- University Transportation Research Center Region II (UTRC), The City College of New York, 2010, 2015, 2016

Technical Reports

- Southeastern Transportation Research, Innovation, Development and Education Center (STRIDE), University of Florida, 2024 [1]
- National Institute for Congestion Reduction (NICR), University of South Florida, 2021 [2], 2024 [1]
- National Institute for Transportation and Communities (NITC), 2019, 2021
- Idaho Department of Transportation, 2015
- Center for Accessibility and Safe Transportation for an Aging Population, Florida State University, 2015, 2016

Archival Journals

- Transportation Research Part D: Transport and Environment, 2025 - Present
- Journal of Cycling and Micromobility Research, 2025 - Present
- Transportation Research Interdisciplinary Perspectives, 2023 - Present
- International Journal of Natural Disasters, Accidents and Civil Infrastructure (RIDNAIC), 2023 - Present
- ASCE: Journal of Transportation Engineering, Part B: Pavements, 2021 - Present
- International Journal of Engineering Education, 2021 - Present
- Case Studies on Transport Policy, 2021 - Present
- Transport Findings, 2020 - Present
- Travel Behavior and Society, 2020 - Present
- Transportmetrica A: Transport Science, 2018 - Present
- Mechanical Sciences, 2018 - Present
- Transport Policy, 2018 - Present
- Displays, 2018 - Present
- ASCE, Journal of Surveying Engineering, 2017 - present
- IEEE Intelligent Transportation Systems Magazine, 2017 - present
- IET Intelligent Transport Systems, 2017 - present
- International Journal of Injury Control and Safety Promotion, 2017 - present
- International Journal of Adolescent Medicine and Health, 2016 - present
- Advances in Mechanical Engineering, 2016 - present
- Journal of Traffic and Transportation Engineering, 2016 - present
- SoftwareX, 2016 - present
- Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 2016 - present
- Traffic Injury Prevention, 2016 - present
- ITE Journal, 2016 - present
- Safety Science, 2015 - present
- Transportation Research Record Part C: Emerging Technologies, 2015 - present
- Transportation Research Record Part F: Traffic Psychology and Behavior, 2015 - present
- Journal of Engineering Education, 2014 - present
- Human Factors: The Journal of the Human Factors and Ergonomics Society, 2014 - present
- Journal of Advanced Transportation, 2014 - present

- International Journal of Transportation, 2013 - present
- Simulation Modeling Practice and Theory, 2013 - present
- IEEE Transactions on Systems, Man, and Cybernetics Part A: Systems and Humans, 2012 - present
- Engineering Management Journal, 2012 - present
- Accident Analysis and Prevention, 2011 - present
- Environmental Modeling & Software, 2011 - present
- ASCE: Journal of Professional Issues in Engineering Education and Practice, 2011 - present
- ASCE: Journal of Transportation Engineering, Part A: Systems, 2010 - present
- Injury Prevention, 2010 - present
- Journal of Transportation Safety & Security, 2009 - present

Books

- 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
- Trafffic Signal Systems Operations and Design *Activity-Based Learning* by Michael Kyte and Tom Urbanik, 2012
- Trafffic & Highway Engineering, 4th Edition by Garber & Hoel by Cengage Learning, May 2011
- Transportation Section of the Civil PE Sample Examination by professional Publications, Inc., July 2010

Conferences

- AAA FTS Safe Mobility Conference, 2025
- Institute of Transportation Engineers Annual Meeting, 2018
- International Cycling Safety Conference (ICSC), 2017, 2018, 2019
- ASEE PNW Section Annual Conference, 2017
- Human Factors and Ergonomics Society (HFES) Annual Meeting, 2014
- ASEE Annual Conference & Exposition, 2012, 2013, 2018
- International Conference of Road Safety and Simulation, 2011, 2015
- International Driving Symposium on Human Factors in Driver Assessment, Training and Vehicle Design, 2011, 2013, 2015, 2018
- Transportation Research Board Annual Meeting, 2010 - Present

External Evaluator

Dissertation Board of Examiners

- Ben-Gurion University, 2023 [1]
- Indian Institute of Technology, 2020 [1]

Conference and Session Leadership

Conferences Organized

- **Member**, Organizing Committee, AAA Foundation Safety Mobility Conference, *Madison, WI*, April 7-9
- **Member**, Steering Committee, ITE Transportation Educators Workshop, *Philadelphia, PA*, July, 2024
- **Member,** Steering Committee, Virtual PNW ASEE Section Conference, March 2021
- **Chair**, **Member**, Conference Organizing Committee, Use of Driving Simulators to Evaluate Behaviors of Drivers: Measures and Countermeasures at Tongji University in *Shanghai, China*, October 2019
- **Member,** Steering Committee, PNW ASEE Section Conference in *Corvallis, Oregon*, March 2019
- **Member**, Conference Organizing Committee, 3nd Transportation Engineering Educator's Workshop (TEEW) in *Auburn, Alabama*, May 2018
- **Advisor**, Planning Committee, 5th 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, March 2024
- **Chair**, Conference Organizing Committee, 2nd Transportation Engineering Educator's Workshop (TEEW) in *Seattle, Washington*, July 2012

Sessions Organized and Moderated

- **Moderator**, CCT-3: Conversation Circle: Transportation Safety Training in Higher Education, ITE Annual Meeting in *Orlando, Florida*, August 2025
- **Organizer and Moderator**, Session 1014: Running Human Participants in Laboratory Experiments: The Challenges in the Coronaverse, Transportation Research Board 100th Virtual Annual Meeting (84 unique logins), 2021
- **Moderator**, What's New in Trip Generation, Virtual ITE Annual Meeting and Exhibition, August 2020
- **Moderator**, Day 2, Use of Driving Simulators to Evaluate Behaviors of Drivers: Measures and Countermeasures at Tongji University in *Shanghai, China*, October 2019
- **Member**, ASCE International Conference on Transportation & Development (ICTD2019) Emerging Technologies Task Committee, June 2019
- **Moderator**, Panel on Leadership in Transportation, 5th 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, 17th 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 96th Annual Meeting in *Washington, D.C.,* January 2017
- **Co-Moderator**, Infrastructure and Bicycles, 10th 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 95th 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), 15th 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, 3rd 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

- Transportation Research Board (TRB)
  - TRB Standing Committee on Human Factors (ACD16)
    - **Member**, 2025 - Present
  - TRB Standing Committee on Road User Measurement and Evaluation (ACH50)
    - **Chair**, 2022 - 2025
    - **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
  - TRB Standing Committee on Traffic Control Device Committee (ACP55)
    - **Secretary**, 2014 - 2022
    - **Member***,* 2011 - 2022
- Institute of Transportation Engineers (ITE)
  - International
    - **Member**, Student to Younger Member (S2YM) Task Force, 2020 - 2021
    - **Member**, Professional Development Strategic Planning Task Force, 2019 - 2021
    - **Immediate Past Chair**, Education Council, 2023 - 2025
    - **Chair**, Education Council, 2020 - 2022

        - **Vice Chair**, Education Council, 2017 - 2019
        - **Executive Committee Member**, Education Council, 2010 - 2017, 2023 - 2024
        - **Member**, ITE Student Chapter Committee, 2014 - 2016
        - **ITE Reviewer**, MUTCD, 2013 - 2014
        - **Education Council Liaison**, Traffic Engineering Council, 2011 - 2015
        - **Member**, Climate and Energy Task Force, 2010 - 2011
    - Section
        - **Secretary/Treasurer**, GOITE, 2014 - 2016
        - **Webmaster**, ORITE, 2012 - 2014
    - Chapter
        - **Advisor**, OSU ITE Student Chapter, 2012 - Present
        - **President**, UMass Amherst ITE Student Chapter, 2008 - 2009
        - **Vice President**, UMass Amherst ITE Student Chapter, 2007
        - **Consultant Liaison**, UMass Amherst ITE Student Chapter, 2007
    - **Fellow**, 2019 - Present
    - **Member**, 2004 - 2019
- American Society of Civil Engineers (ASCE)
    - International
        - **Participant**, in-person Legislative Fly-in, 2019, 2020, 2021, 2023, 2024, 2025
            - Attend a 3-day event in Washington, D.C. training to advance ASCE legislative policy initiatives through direct and indirect interactions with elected officials and their staff members. Contribute to in-person meetings with legislators and their staff members.
        - **Past Chair**, Committee on Faculty Development (CFD), 2017 - 2018
        - **Chair**, CFD, 2016 - 2017
        - **Secretary**, CFD, 2015 - 2016
        - **Member**, CFD, 2014 - 2015
    - **Member**, 2021 - Present
    - **Associate Member**, 2007 - 2021
- American Society for Engineering Education (ASEE)
    - Pacific Northwest Section
        - **Awards Chair**, PNW ASEE, 2021 - 2022
        - **Past Chair**, PNW ASEE, 2021 - Present
        - **Chair**, PNW ASEE, 2019 - 2021
        - **Vice Chair**, PNW ASEE, 2017 - 2019
        - **Secretary**, PNW ASEE, 2013 - 2017
    - **Member**, 2010 - Present
- WTS International
    - **Member**, 2020 - Present
- Society of Women Engineers (SWE)
    - **Member**, 2020 - Present
- Association of Pedestrian and Bicycle Professionals (APBP)
    - **Member**, 2021 - Present
- Oregon Young Employee Safety
    - **Member**, 2013 - 2014
- Federal Highway Administration

  - **Member**, Peer Working Group, Review FHWA Proposed Model Curriculum, "Performance-Based Approach for Managing and Operating our Transportation System", 2017
- Oregon Department of Transportation
  - **Member**, Oregon Traffic Control Devices Committee (OTCDC) Part 4 – Signals Subcommittee, 2024
  - **Member**, Oregon Traffic Control Devices Committee (OTCDC) Part 9 – Bicycles Subcommittee, 2024
  - **Member**, Traffic Safety and Human Factors Expert Task Group (ETG), 2023 - Present
  - **Member**, Human Interactions with the Transportation System Expert Task Group (ETG), 2019 - 2023
  - **Member**, Work Zone Executive Strategy Session, OSU Representative 2016 - 2019

Oregon State University Service

OSU Faculty Senate

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

OSU Standing Committees

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

COE Ad-Hoc Committees

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

COE Other Activities

- **Representative**, CUTC Summer Meeting, June 2022
- **Faculty panelist**, STEM Leaders Workshop, April 2016
- **Judge**, Graduate Student Expo, 2015
- **Representative**, Council of University Transportation Centers (CUTC), 2014 - 2016, 2025
- **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**, Diversity, Equity, and Inclusion Do Group, 2023
- **Member**, Awards Committee, 2020 - 2021, 2021 - 2022, 2022 - 2023
- **Member**, Standing Instructor Search Committee, 2019 - 2020, 2020 - 2021, 2024-2025, 2025-2026
- **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, 2024 - 2025
  - **Chair**, Sub-Committee on Funding, Fellowships, and UGLBG, Chair, 2012 - 2013
- **Member**, Curriculum Committee, 2009 - 2010, 2010 - 2011

CCE Ad-Hoc Committees

- **Chair**, Transportation Engineering Faculty Search Committee, 2024 - 2025
- **Member**, Geomatics Engineering Faculty Search Committee, 2024
- **Member**, Geomatics Engineering Assistant Professor (Practice), 2024
- **Member**, CCE 1st Yr Cohorts, 2022 - 2023
- **Topic Expert**, Promotion Committee, 2022
- **Chair**, Promotion Committee, 2021
- **Member**, CCE 1st Yr Cohorts, 2018 - 2019
- **At Large Member**, Instructor Promotion Committee, 2018 - 2019
- **Member**, Graduate Seminar 2.0 Planning Committee, 2018
- **Chair**, Academic Advisor Search Committee, 2017 - 2018
- **Topic Expert***,* Promotion and Tenure Committee, 2017 - 2018
- **Judge**, Graduate Research Showcase, 2017
- **Member***,* Head Academic Advisor Search Committee, 2016 - 2017
- **Chair**, Geomatics Faculty Search Committee, 2016 - 2017
- **Member**, Strategic Committee, 2015 - 2016
- **Judge**, Graduate Student Expo, 2014
- **Member**, Public Information Representative Search Committee, 2013
- **Member**, Open Access Laboratory Committee, 2012 - 2013
- **Member**, Transportation Engineering Faculty Search Committee, 2012 - 2013
- **Member**, Transportation Engineering Faculty Search Committee, 2011 - 2012
- **Member**, Interim School Head of CCE Search Committee, 2011
- **Member**, Honor Code Committee, 2010 - 2011

CCE Other Leadership Activities

- **CCE P&T Case Coordinator**, 2024 - 2025, 2025 - 2026
- **Group Coordinator (GC)**, Transportation Engineering, 2024 - 2025, 2025 - 2026
- **Point-of-contact (POC)**, Transportation Engineering, 2024
- **Mentor**, CCE Assistant Professor, 2022
- **Point-of-contact (POC)**, Driving and Bicycling Research Laboratory, 2012 - 2016
- **Group Coordinator (GC)**, Transportation Engineering Group, 2011 - 2015
- **OSU Representative**, PacTrans Board of Directors Summer Meeting, Sept 2015
- **OSU Representative**, PacTrans Board of Directors Winter Meeting, Feb 2015
- **OSU Representative**, PacTrans Board of Directors Summer Meeting, Sept 2014
- **Transportation Representative**, Annual Graduate School Forum, Nov 2011

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