

# DAVID S. HURWITZ, PhD

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

## EXPERIENCE

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

## AWARDS AND ACHIEVEMENT

Fellow, <i>Institute of Transportation Engineers</i>	2019
Outstanding Teaching Award, <i>PNW Section of ASCE</i>	2019
Certificate of Appreciation, in recognition of outstanding efforts to organize and conduct the technical paper review process 98 <sup>th</sup> TRB Annual Meeting, <i>TRB Simulation and Measurement of Vehicle and Operator Performance (AND30)</i>	2019
OSU Faculty Teaching Excellence Award, <i>Oregon State University</i>	2018
Outstanding Transportation Educator 2017, <i>ITE Western District</i>	2018
SSO Adviser of the Year, <i>OSU ITE Student Chapter, Oregon State University</i>	2018

**David S. Hurwitz**

07/31/2020

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

**PUBLICATIONS** [OSU students underlined; OSU students advised\*]

**Refereed Journal Publications**

1. Jashami, H.\*, Cobb, D.\*, **Hurwitz, D.**, McCormack, E., Goodchild, A., & Sheth, M. (In Press) "Developing Design Guidelines for Commercial Vehicles Envelopes on Urban Streets," *Transportation Research Part F Traffic Behavior and Psychology*, Volume TBD, Issue TBD, Pages TBD, [Link - TBD]
2. 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]
3. 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]
4. Mohammed, H.A.\*, **Hurwitz, D.**, & Macuga, K. (2020) "Analysis of Driver Eye Movements in the Dilemma Zone of High-Speed Signalized Intersections," *Traffic Injury Prevention*. Volume 21, Issue 4, Pages 259-264. [Link]
5. Kothuri, S., Monsere, C., Jashami, H.\*, & **Hurwitz, D.** (2020) "An 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]

6. Jannat, M.\*, Tapiro, H.\*, Monsere, C., & **Hurwitz, D.** (2020) "Right-Hook Crashes and the Visual Attention of Motorists," *Journal of Transportation Engineering, Part A: Systems*, ASCE. Volume 146, Issue 5. [[Link](#)]
7. 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](#)]
8. Abadi, M.G.\*, **Hurwitz, D.**, & Macuga, K. (2019) "Towards Safer Bicyclist Responses to the Presence of Truck near an Urban Loading Zone," *Journal of Safety Research*. Volume 71, Pages 181-190. [[Link](#)]
9. 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 ASEE ExCEED Teaching Workshop: Assessing 20 Years of Instructional Development," *International Journal of Engineering Education*, Volume 35, Number 6(A), Pages 1758-1789. [[Link](#)]
10. 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](#)]
11. Barlow, Z.\*, Jashami, H.\*, Sova, A.\*, **Hurwitz, D.**, & Olsen, M. (2019) "Driver Distraction Due to Drones," *Transportation Research Part C: Emerging Technologies*, Volume 108, Pages 207-222. [[Link](#)]
12. 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](#)]
13. 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](#)]
14. 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](#)]
15. Barlow, Z.\*, Sova, A.\*, **Hurwitz, D.** & Olsen, M. (2019) "Risky Driver Glances at Roadside Unmanned Aerial System Operations," *ITE Journal*, June, 38-42. [[Link](#)]
16. 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. [**Received Young First Author Award from ABG20**] [[Link](#)]
17. 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](#)]
18. 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](#)]
19. 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](#)]
20. 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](#)]

21. 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](#)]
22. 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, 92-101. [[Link](#)]
23. Horne, D.\*, Abadi, M.G.\*, & **Hurwitz, D.** (2018) "Bicycling Simulator Calibration: A Proposed Framework," *Transportation Research Record: Journal of the Transportation Research Board*. Volume 0, Number 0, Pages 1-8. [[Link](#)]
24. Slocum, R., Adams, R., Buker, K.\*, **Hurwitz, D.**, Mason, H.B., Parrish, C. & Scott, M. (2018) "Creating Earthquake Response Spectra with Desktop Learning Module Measurements," *Hardware X*, Volume 4. [[Link](#)]
25. Mason, H.B., **Hurwitz, D.**, Buker, K.\*, Adams, R., 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](#)]
26. 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](#)]
27. 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](#)]
28. 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](#)]
29. 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](#)]
30. 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](#)]
31. 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](#)]
32. 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](#)]
33. 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*, Issue 2624, 48-57. [[Link](#)]
34. 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](#)]
35. 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](#)]
36. **Hurwitz, D.**, Young, R., Turochy, R., & Sanford Bernhardt, K. (2016) "Transportation Engineering Curriculum: An Analytic Review of the Literature," *Journal of Professional Issues in Engineering Education and Practice*, ASCE, Volume 142, Issue 3. [[Link](#)]

37. 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](#)]
38. **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](#)]
39. 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](#)]
40. 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](#)]
41. **Hurwitz, D.**, Young, R., Turochy, R., & Sanford Bernhardt, K. (2015) "Transportation Engineering Instruction Practices: Analytic Review of the Literature," *Transportation Research Record: Journal of the Transportation Research Board*, Issue 2480, 45-54. [[Link](#)]
42. 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](#)]
43. **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*, Issue 2463, 1-9. [[Link](#)]
44. **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*, Issue 2414, 52-62. [[Link](#)]
45. **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](#)]
46. 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*, Issue 2384, 25-34. [[Link](#)]
47. **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](#)]
48. 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*, Issue 2328, 9-15. [[Link](#)]
49. **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](#)]
50. 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*, Issue 2272, 103-112. [[Link](#)]

51. **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](#)]
52. **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](#)]
53. 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*, Issue 2211, 27-35. [[Link](#)]
54. **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](#)]
55. 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](#)]
56. **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 Conference Publications

1. 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*.
2. 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**]
3. Gestson, S., Brown, S., Abadi, M.G., **Hurwitz, D.** (2019) "Factors Contributing to the Problem-Solving Heuristics of Civil Engineering Students," *126<sup>th</sup> ASEE Annual Conference & Exposition Conference Compendium, Tampa, FL, June 15-19*. 17 pages. [**Stephen J. Ressler Best Paper Award, Civil Engineering Division of ASEE**] [[Link](#)]
4. Abadi, M.G., Gestson, S., Brown, S., & **Hurwitz, D.**, (2019) "Problem-Solving Rationales of Practicing Transportation and Hydraulic Engineers When Provided Multiple Contextual Representations," *126<sup>th</sup> ASEE Annual Conference & Exposition Conference Compendium, Tampa, FL, June 15-19*. [[Link](#)]
5. Gestson, S., Lutz, B., Brown, S., Barner, M., **Hurwitz, D.**, Abadi, M.G.\* (2018) "Developing an Understanding of Civil Engineering Practitioner Problem-Solving Rationale Using Multiple Contextual Representations," *125<sup>th</sup> ASEE Annual Conference & Exposition Conference Compendium, Salt Lake City, UT, June 24-27*. [[Link](#)]
6. Estes, A., Ressler, S., Saviz, C., Barry, B., Considine, C., Coward, D., Dennis, N., Hamilton, S., **Hurwitz, D.**, Kunberger, T., Lenox, T., Nilson, T., Nolen, L., O'Brien, J., O'Neill, R., Saftner, D., Salyards, K., Welch, R. (2018) "Celebrating 20 Years of the ExCEED Teaching Workshop," *125<sup>th</sup> ASEE Annual Conference & Exposition Compendium, Salt Lake City, UT, June 24-27*. [[Link](#)]
7. Wang, X., Yang, M., **Hurwitz, D.**, & Zhu, M. (2018) "An Exploration of Cut-in Behavior and Gap Acceptance using Shanghai Naturalistic Driving Data," *97<sup>th</sup> Transportation Research Board Annual Meeting Compendium, Paper 18-02562*. [[Link](#)]
8. 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*.

9. Jashami, H.\*, Abadi, M.G.\*, & **Hurwitz, D.** (2017) "Factors Contributing to Self-Reported Cell Phone Usage by Younger Drivers in the Pacific Northwest," 9<sup>th</sup> International Driving Symposium on Human Factors in Driver Assessment training, and Vehicle Design, Manchester Village, VT, June 26-29. [[Link](#)]
10. Jashami, H.\*, **Hurwitz, D.**, Abdel-Rahim, A., Bham, G., Boyle, L., & Cofer, W. (2017) "Educating Teenage Drivers in the Pacific Northwest about Distracted Driving," 96<sup>th</sup> *Transportation Research Board Annual Meeting Compendium*, Paper 17-02233. [[Link](#)]
11. Young, R., Sanford Bernhardt, K., **Hurwitz, D.**, & Turochy, R. (2015) "What a Systematic Literature Review Tells us About Transportation Engineering Education," 122<sup>nd</sup> *ASEE Annual Conference & Exposition Conference Compendium*, Seattle, WA, June 14-17. [[Link](#)]
12. Islam, M.\*, **Hurwitz, D.**, & Brown, S. (2014) "Traffic Signal System Misconceptions across Three Cohorts: Novice Students, Expert Students, and Practicing Engineers," 121<sup>st</sup> *ASEE Annual Conference & Exposition Conference Compendium*, Indianapolis, IN, June 15-18. [[Link](#)]
13. Jannat, M.\*, **Hurwitz, D.** & Brown, S. (2014) "Promoting the Adoption of Innovative Teaching Practices by Transportation Engineering Faculty in a Workshop," 121<sup>st</sup> *ASEE Annual Conference & Exposition Conference Compendium*, Indianapolis, IN, June 15-18. [[Link](#)]
14. 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](#)]
15. Swake, J.\*, **Hurwitz, D.**, Neil, J.\*, & Gambatese, J. (2014) "Influence of Mobile Barriers in Work Zones on Driver Behavior," 93<sup>rd</sup> *Transportation Research Board Annual Meeting Compendium*, Paper 14-2225. [[Link](#)]
16. Sanford Bernhardt, K., **Hurwitz, D.**, Young, R., Bill, A., Brown, S., Heaslip, K., Kyte, M., Swake, J.\*, & Turochy, R. (2013) "A Model for Collaborative Curriculum design in Transportation Engineering Education," 120<sup>th</sup> *ASEE Annual Conference & Exposition Conference Compendium*, Atlanta, GA, June 23-26. [[Link](#)]
17. **Hurwitz, D.**, Brown, S., Islam, M.\*, & Daratha, K. (2013) "Mental Models of Students and Practitioners in the Development of an Authentic Assessment Instrument for Traffic Signal Engineering," 120<sup>th</sup> *ASEE Annual Conference & Exposition Conference Compendium*, Atlanta, GA, June 23-26. [[Link](#)]
18. Swake, J.\*, Jannat, M.\*, Islam, R.\* & **Hurwitz, D.** (2013) "Driver Response to Phase Termination at Signalized Intersections: Are Driving Simulator Results Valid?," 7<sup>th</sup> *International Driving Symposium on Human Factors in Driver Assessment, Training, and Vehicle Design*, Bolton Landing, NY, June 17-20, 278-284. [[Link](#)]
19. Marnell, P.\*, Tuss, H.\*, **Hurwitz, D.**, Paulsen, K., & Monsere, C. (2013) "Permissive Left-Turn Behavior at the Flashing Yellow Arrow in the Presence of Pedestrians," 7<sup>th</sup> *International Driving Symposium on Human Factors in Driver Assessment, Training, and Vehicle Design*, Bolton Landing, NY, June 17-20, 488-494. [[Link](#)]
20. Tupper, S., Knodler, M., Fitzpatrick, C., & **Hurwitz, D.** (2013) "Estimating Critical Gap— Comparison of Methodologies Using a Robust, Real-World Data Set," 92<sup>nd</sup> *Transportation Research Board Annual Meeting Compendium*, Paper 13-5019. [[Link](#)]
21. **Hurwitz, D.**, Tuss, H.\*, Olsen, M., Roe, G., & Knodler, M. (2013) "Transportation Applications for Mobile LIDAR: A State-of-the-Practice Questionnaire," 92<sup>nd</sup> *Transportation Research Board Annual Meeting Compendium*, Paper 13-1606. [[Link](#)]
22. Wang, H., Li, Z. **Hurwitz, D.**, & Ni, D. (2012) "Traffic Speed Variance Modeling with Application in Travel Time Variability Estimation," 91<sup>st</sup> *Transportation Research Board Annual Meeting Compendium*, Paper 12-2618. [[Link](#)]

23. **Hurwitz, D.**, Knodler, M., Tuss, H.\*, Swake, J.\*, & Moore, D.\* (2012) "An Evaluation of the Effects Associated with Advanced Vehicle Detection Systems on Dilemma Zone Protection," *91<sup>st</sup> Transportation Research Board Annual Meeting Compendium*, Paper 12-1143. [[Link](#)]
24. Young, R., Sanford Bernhardt, K., Beyerlein, S., Bill, A., Kyte, M., Heaslip, K., **Hurwitz, D.**, & Nambisan, S. (2011) "A Nationwide Effort to Improve Transportation Engineering Education," *118<sup>th</sup> ASEE Annual Conference & Exposition Conference Compendium*, Vancouver, BC, June 26-29. [[Link](#)]
25. Tupper, S., Knodler, M., & **Hurwitz, D.** (2011) "Connecting Gap Acceptance Behavior with Crash Experience," *Proc. 3<sup>rd</sup> International Conference on Road Safety and Simulation Conference*, Indianapolis, IN, September 14-16, 1-18. [[Link](#)]
26. Nabae, S.\*, Moore, D.\*, & **Hurwitz, D.** (2011) "Revisiting Driver Behavior at Unsignalized Intersections: Time of Day Implications for Two Way Left Turn Lanes (TWLTL)," *Proc. 6<sup>th</sup> International Driving Symposium on Human Factors in Driver Assessment, Training, and Vehicle Design, Olympic Valley-Lake Tahoe, CA, June 27-30*, 440-446. [[Link](#)]
27. **Hurwitz, D.**, Knodler, M., Nabae, S.\*, & Tuss, H.\* (2011) "Driver Comprehension of the Circular Yellow Indication: Implications of Regional Variability," *90<sup>th</sup> Transportation Research Board Annual Meeting Compendium*, Paper 11-3065. [[Link](#)]
28. Muttart, J., **Hurwitz, D.**, Pradhan, A., Fisher, D., & Knodler, M. (2010) "Backing Acceleration and Response Time to an Audible Warning in a Field Test," *89<sup>th</sup> Transportation Research Board Annual Meeting Compendium*, Paper 10-2773. [[Link](#)]
29. Knodler, M., **Hurwitz, D.**, & Rothenberg, H. (2008) "An Evaluation of Rationally Implemented Speed Limits on Collector Roadways," *87<sup>th</sup> Transportation Research Board Annual Meeting Compendium*, Paper 08-2757. [[Link](#)]
30. **Hurwitz, D.**, & Knodler, M. (2007) "Static and Dynamic Evaluation of the Driver Speed Perception and Selection Process," *Proc. 4<sup>th</sup> International Driving Symposium on Human Factors in Driver Assessment, Training, and Vehicle Design*, Stevenson, WA, July 9-12, 358-364. [[Link](#)]
31. **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. Mason H.B., Scott, M.H., **Hurwitz, D.**, Buker, K.\*, and Adams, R.K. (2018) "An Inductive Learning Approach to Teaching Earthquake Response Spectra," *11<sup>th</sup> National Conference on Earthquake Engineering*, Los Angeles, CA, June 25-29.
2. **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.
3. Monsere, C. & **Hurwitz, D.** (2018) "Results from a Simulator-Based Analysis of Right-Hook Bicycle Crashes at Signalized Intersections," *11<sup>th</sup> International Co-operation on Theories and Concepts in Traffic Safety*, Vancouver, Canada, March 8<sup>th</sup>-9<sup>th</sup>. [[Link](#)]
4. Barlow, Z.\*, **Hurwitz, D.**, & Gambatese, G. (2018) "Synthesis of State Highway Worker Safety Practice and Programs in the United States," *18<sup>th</sup> Road Safety on Five Continents*, Jeju Island, South Korea, May 16-18. [[Link](#)]
5. Barlow, Z.\*, **Hurwitz, D.**, & Olsen, M. (2018) "Distraction Potential of Unmanned aircraft Systems (UAS) Near Roadways," *18<sup>th</sup> Road Safety on Five Continents*, Jeju Island, South Korea, May 16-18. [[Link](#)]



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6. Abadi, M. G.\*, Fleskes, K.\*, Jashami, H.\*, & **Hurwitz, D.** (2018) "Bicyclist's Perceived Level of Comfort Traveling Near Truck Loading Zones," 97<sup>th</sup> *Transportation Research Board Annual Meeting Compendium*, Paper 18-02144. [[Link](#)]
7. Horne, D.\* & **Hurwitz, D.** (2017) "Calibration of a Bicycling Simulator" 6<sup>th</sup> International Cycling Safety Conference (ICSC), Davis, California Sept. 21-22.
8. 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.
9. **Hurwitz, D.**, Monsere, C., Jannat, M.\*, & Jennifer, W.\* (2016) "Insights into the Right-Hook Crash at Signalized Intersections: Research Results from a Driving Simulator," 10<sup>th</sup> *University Transportation Centers Spotlight Conference on Pedestrian and Bicycle Safety*, Washington, D.C., Dec. 1-2., 2016. [[Link](#)]
10. **Hurwitz, D.**, Monsere, C., Jannat, M.\*, Jennifer, W.\* & Razmpa, A. (2016) "An Explanatory Mechanism for Right-hook Crashes at Signalized Intersections," 17<sup>th</sup> *Road Safety on Five Continents*, Rio de Janeiro, Brazil, May 17-19. [[Link](#)]
11. **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.
12. **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](#)]
13. 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](#)]
14. **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. & Larson, T.\* (Submitted 06/25/2020) "Evaluation of Dynamic Passive Pedestrian Detection. Washington County, Oregon. [[Link - TBD](#)]
2. Parrish, C., **Hurwitz, D.**, Simpson, C., Sorour, S., & Abdel-Rahim, A. (Submitted 09/30/2019) 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](#)]
3. 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](#)]
4. 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](#)]
5. 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](#)]
6. Fisher, E., **Hurwitz, D.**, Lancaster, T., & Layton, R. (2019) Traffic Control Devices Program Review Multnomah County, Oregon, Local Technical Assistance Program, Corvallis, OR, 46p.
7. 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](#)]

8. 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](#)]
9. **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](#)]
10. **Hurwitz, D.**, Lancaster, T., & Layton, R. (2018) Traffic Control Devices Program Review Toledo, Oregon, Local Technical Assistance Program, Corvallis, OR, 31p.
11. 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](#)]
12. **Hurwitz, D.**, Abadi, M.G.\*, McCormack, E., Goodchild, A., & Sheth, M. (2018) An Examination of the Impact of Increasing Commercial Parking Utilization on Cyclist Safety in Urban Environments. Pacific Northwest Transportation Consortium (PacTrans), Seattle, WA, 96p. [[Link](#)]
13. **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](#)]
14. **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](#)]
15. **Hurwitz, D.**, Olsen, M., & Barlow, Z.\* (2018) Driver Distraction Due to Drones. Oregon Department of Transportation (ODOT), Salem, OR, 100p. [[Link](#)]
16. **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](#)]
17. **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](#)]
18. Gambatese, J., **Hurwitz, D.**, & Barlow, Z.\* (2017) Highway Worker Safety. National Cooperative Highway Research Program (NCHRP) Synthesis Report, Washington, D.C., 149p. [[Link](#)]
19. 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](#)]
20. **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](#)]
21. **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](#)]
22. **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](#)]
23. **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.
24. **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](#)]

25. **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](#)]
26. **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](#)]
27. **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](#)]
28. **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](#)]
29. **Hurwitz D.** (2013) Transportation Educators Conference: Advancement of the National Curriculum Project. National Science Foundation (NSF), Washington, D.C.
30. **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](#)]
31. 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](#)]
32. **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.
33. **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.
34. Knodler, M., & **Hurwitz, D.** (2008) Dilemma Zone Issues at High-speed Signalized Intersections. Vermont Agency of Transportation, Montpelier, VT, 55p. [[Link](#)]
35. Knodler, M. & **Hurwitz, D.** (2008) UMass Amherst Summer Transportation Institute Final Report. Massachusetts Executive Office of Transportation and Public Works, Boston, MA.
36. Knodler, M. & **Hurwitz, D.** (2008) "Demonstration and Evaluation of Rational Speed Limits Project Report (Supplemental)," Federal Highway Administration, Washington D.C.
37. 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.
38. 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.

## PRESENTATIONS

### Conferences and Professional Organizations

1. **Invited (co-presented with Chris Monsere)**, Oregon Traffic Control Devices Committee, *Results sharing of NCHRP 20-07*, January 17<sup>th</sup>, 2020
2. **Invited**, Oregon ITE Luncheon in Portland, OR, *Evaluation of Innovative Pedestrian and Bicycle Infrastructure through Research*, October 24, 2019.
3. **Invited**, Association of Pedestrian and Bicycle Professionals Annual Meeting, Portland, OR, *Evaluation of Innovative Pedestrian and Bicycle Infrastructure through Research*, August 27, 2019.

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4. **Invited**, Keynote Address, 2019 New Student Convocation, Oregon State University, Corvallis, OR, September 24, 2019. (Approximately 3,500 audience members in-person)
5. **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.
6. **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.
7. **Invited**, PacTrans Annual Meeting, Fairbanks, AK, *Can Drone Operations Near Roadways Contribute to Driver Distraction?*, October 12, 2018.
8. **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.
9. **Invited (co-presented with Masoud Ghodrat Abadi)**, 3<sup>rd</sup> Transportation Engineering Education Workshop at Auburn University, Auburn, AL, *Investigation of Context Across Engineering Domains: Bridging the Eye-Mind Divide*, May 22-23, 2018.
10. **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.
11. **Invited**, 17<sup>th</sup> COTA International Conference of Transportation Professionals CICTP 2017 at Tongji University, Shanghai, China, *Improved Driver Responses with Green and Red Signal Countdown Timers*, July 7-9, 2017.
12. **Invited**, OSU ASCE Student Chapter Speaker Meeting, Corvallis, OR, *Causal Factors of Right-Hook Crashes in Oregon*, February 16, 2016.
13. **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.
14. **Invited**, Work Zone Executive Strategy Session in Salem, OR, *Work Zone Safety Research*, December 7, 2015.
15. **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.
16. **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.
17. **Invited**, 15<sup>th</sup> COTA International Conference of Transportation Professionals CICTP 2015 at Beijing Jiaotong University in Beijing, China, *Driving Simulator Evaluation of Alternative Information Signs in Oregon*, July 27, 2015
18. **Invited**, ExCEED Teaching Workshop at Florida Gulf Coast University in Fort Myers, FL, *Making ExCEED Work at Oregon State University*, July 26, 2015.
19. **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)
20. **Invited**, Oregon ITE Luncheon in Portland, OR, *Driver Response to Countdown Timers*, October 16, 2014.
21. **Invited**, Oregon Transportation Summit in Portland, OR, *Driver Related Causal Factors for Right Hook Crashes*, September 15, 2014.

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22. **Invited**, ExCEED Teaching Workshop at United States Military Academy in West Point, NY, Making ExCEED Work at Oregon State University, July 25, 2014.
23. **Invited**, ExCEED Teaching Workshop at Florida Gulf Coast University in Fort Myers, FL, Making ExCEED Work at Oregon State University, July 26, 2013.
24. **Invited**, ITE District 1 Annual Meeting in Northampton, MA, Integration of Professional Practice into Undergraduate Transportation Curriculum, May 22, 2013.
25. **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.
26. **Invited**, Oregon Transportation Summit in Portland, OR, Driving and Bicycling Simulator Research at OSU, September 9, 2011.
27. **Invited**, TransPort Technical Advisory Committee Meeting at ODOT Region 1 in Portland, OR, OSU Driving and Bicycling Simulator: Infrastructure & Active Research, August 10, 2011.
28. **Invited**, Educating Transportation Engineers Workshop at the TRB 90<sup>th</sup> Annual Meeting in Washington D.C., Behavior and Human Factors in the Introduction to Transportation Class, January 23, 2011.
29. **Invited**, Northwest Transportation Conference at Oregon State University in Corvallis, OR, The Role of Rational Speed Limits in Traffic Calming, February 10, 2010.
30. **Invited**, ITE District 1 Annual Meeting in Providence, RI, The relationship between Traffic Calming and Rational Speed Limits, May 2007.
31. **Invited**, New England ITE Section Annual Meeting in Warwick, RI, Evaluation of the Driver Speed Perception and Selection Processes, December 2005.

**Webinars**

1. **Invited**, National Webinar (62 site logins), hosted by the Institute of Transportation Engineers (ITE), Transportation Career Paths and Opportunities, May 19, 2020.
2. **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.
3. **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.
4. **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**, Transportation Operations and Safety Research at Oregon State University at University of Puerto Rico Mayaguez in Mayaguez, Puerto Rico, November 21, 2019.
2. **Invited**, Transportation Operations and Safety Research at Oregon State University at Tongji University in Shanghai, China, September 09, 2019.
3. **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.
4. **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.
5. **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.

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6. **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.
7. **Invited**, Lunch Presentation on Connected Signals in Eugene, OR, Consideration of Traffic Signal Countdown Timers, November 22, 2017.
8. **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.
9. **Invited**, Faculty Research Presentations to for the COE Alumni Fellow at Oregon State University, Corvallis, OR, Transportation Operations and Safety Research, October 23, 2015.
10. **Invited**, Seminar at Kittelson & Associates, Inc. in Portland, OR, Transportation Engineering at Oregon State University, April 22, 2014.
11. **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.
12. **Invited**, Guest lecture - Intro to transportation at Washington State University in Pullman, WA, Driver Behavior at Signalized Intersections, March 26, 2012.
13. **Invited**, Seminar at Kittelson & Associates, Inc. in Portland, OR, OSU Driving and Bicycling Simulator: Infrastructure & Active Research, August 10, 2011.
14. **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.
15. **Invited**, Transportation Seminar Series at the University of Massachusetts Amherst in Amherst, MA, Introduction to Intersection Modeling, October 2005.

**Participation at Invitational Workshops**

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

**EXTERNAL SUPPORT**

**Current**

1. **Hurwitz, D.** Pacific Northwest Transportation Consortium (PacTrans) "OSU Administrative & Outreach Account – Mobility Center yr 4," 09/16/2020 to 09/15/2021, \$91,670 (Total); \$91,670 (Hurwitz)
2. Fink, C. (PI), Monsere, C., Kothuri, S., & **Hurwitz, D.** NCHRP "Design Options to Reduce Turning Motor Vehicle – Bicycle Conflicts at Controlled Intersections" 36 months, \$600,000 (Total); \$90,000 (Hurwitz)
3. **Hurwitz, D.** (PI) & Monsere, C. (co-PI) ODOT Stage II. "Safest Placement for Crosswalks at Intersections" 09/01/2020 to 08/30/2022, \$210,000 (Total); \$120,000 (Hurwitz)
4. **Hurwitz, D.** (PI), Chang, K., & Young, R. PacTrans. "Evaluation of the Idaho Stop Laws in the Pacific Northwest" 08/15/2020 to 08/14/2022, \$180,000 (Total); \$90,000 (Hurwitz)
5. Monsere, C. (co-PI) & **Hurwitz, D.** (co-PI) ODOT "Updating the Highway Safety Investigation Manual for the Oregon Department of Transportation" 06/01/2020 to 07/30/2021, \$96,252 (Total); \$47,525 (Hurwitz)
6. **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)

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7. **Hurwitz, D.** (PI) and C. FHWA & ODOT. "OSU Summer Transportation Institute" 03/01/2020 to 09/30/2020, \$47,500.50 (Total); \$47,500.50 (Hurwitz)
8. Miller, S., Maisel, J., Brinkley, J., Gilbert, J., **Hurwitz, D.**, Macuga, K., Hunter-Zaworski, K. NHTSA "Vulnerable and Disabled Road Users: Considerations Inside and Outside the Vehicle" 09/26/2019 to 03/25/22, \$1,855,934 (Total); \$353,017 (Hurwitz)
9. Smaglik, E. (PI), Russo, B., & **Hurwitz, D.** (Co-PI) ODOT "Automated Detection of Traffic Sensor Malfunctions" 01/01/2020 to 12/31/2021, \$150,000 (Total); \$32,000 (Hurwitz)
10. Russo, B. (PI), Smaglik, E., Kothuri, S., & **Hurwitz, D.** (Co-PI) ODOT "Impacts of Intersection Treatments and Traffic Characteristics on Bicyclist Safety" 01/01/2020 to 10/31/2021, \$150,000 (Total); \$47,500 (Hurwitz)
11. **Hurwitz, D.** Pacific Northwest Transportation Consortium (PacTrans) "OSU Administrative & Outreach Account – Mobility Center yr 3," 09/16/2017 to 09/15/2020, \$91,670 (Total); \$91,670 (Hurwitz)
12. Gambatese, J. (PI) & **Hurwitz, D.** (Co-PI) 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)
13. Wang, H. (PI), **Hurwitz, D.**, and Belz, N. PacTrans. "Micro-Mobility Promises and Challenges in the Pacific Northwest" 09/16/2019 to 09/15/2020, \$180,000 (Total); \$45,000 (Hurwitz)
14. **Hurwitz, D.** Washington County. "Forming a research collaboration with Washington County," 01/01/2019 to 12/30/2020, \$95,000 (Total); \$95,000 (Hurwitz)
15. Monsere, C. (PI), Kothuri, S., & **Hurwitz, D.** (Co-PI) ODOT "Bicycle Feedback Detection Device and the Accompanying Sign" Total," 09/01/2018 to 03/31/2020, \$165,000 (Total); \$81,000 (Hurwitz)
16. **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
17. 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 09/30/2021, \$300,000 (Total); \$46,500 (Hurwitz)
18. Wang, Y. (PI), Makenzie, D., Ban, J., & **Hurwitz, D.** (USDOT). Regional University Transportation Center Proposal for Region 10" 09/30/2016 to 09/30/2021, Up to \$14,350,000 (Total)

**Completed**

1. Monsere, C. (PI), Kothuri, S., & **Hurwitz, D.** (Co-PI) 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)
2. **Hurwitz, D.** (PI) Pacific Northwest Transportation Consortium (PacTrans) "OSU Administrative Account – Mobility Center yr 2," 09/16/2018 to 09/15/2020, \$59,170 (Total); \$59,170 (Hurwitz)
3. 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)
4. 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)
5. **Hurwitz, D.** Philanthropic Gift. Construction of a Heavy Vehicle Simulator. \$100,000 (Total); \$95,000 (Hurwitz)
6. Monsere, C (PI). Kothuri, S., **Hurwitz, D.**, & Fink, C. "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)

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7. **Hurwitz, D.** (PI) Pacific Northwest Transportation Consortium (PacTrans) "OSU Administrative Account – Mobility Center yr 1," 09/16/2017 to 09/15/2019, \$59,170 (Total); \$59,170 (Hurwitz)
8. 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)
9. **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)
10. Gambatese, J. (PI) & **Hurwitz, D.** (Co-PI) (ODOT) "Blue Lights in Work Zones" 06/01/2018 to 12/30/2018, \$102,970 (Total); \$48,956 (Hurwitz)
11. **Hurwitz, D.** (ODOT) "Transverse SRS Study" 07/01/2018 to 12/30/2018, \$15,000 (Total); \$15,000 (Hurwitz)
12. **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)
13. **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)
14. 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)
15. **Hurwitz, D.** (PI) Pacific Northwest Transportation Consortium (PacTrans) "OSU Administrative Account – Safety Center yr 5," 12/15/2016 to 12/14/2018, \$64,875 (Total); \$64,875 (Hurwitz)
16. **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 02/30/2018, \$160,000 (Total); \$90,000 (Hurwitz)
17. **Hurwitz, D.** (PI), McCormack, E. (Co-PI @ UW), & Goodchild, A. (Co-PI @ UW) Pacific Northwest Transportation Consortium (PacTrans). "An Examination of the Impact of Increasing Commercial Parking Utilization on Cyclist Safety in Urban Environments," 01/01/2016 to 12/15/2018, \$180,000 (Total); \$94,000 (Hurwitz)
18. **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)
19. **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)
20. **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)
21. **Hurwitz, D.** (PI) Pacific Northwest Transportation Consortium (PacTrans) "OSU Administrative Account – yr 4" 01/01/2016 to 06/15/2017, \$64,875 (Hurwitz)
22. **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)



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23. **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)
24. 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)
25. 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)
26. **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)
27. **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)
28. **Hurwitz, D.** (PI) Oregon Department of Transportation (ODOT). "Northwest Transportation Conference Featured Speakers," 2/14/2014-4/14/2014, \$12,500 (Hurwitz)
29. **Hurwitz, D.** (PI) & Olsen, M. (Co-PI @ OSU). Travel Oregon & Pacific Northwest Transportation Consortium (PacTrans). "Evaluation of Existing and Alternative Information Signs in Oregon," 7/1/2013 to 12/30/2014, \$60,000 (Total) \$50,000 (Hurwitz)
30. **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)
31. 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)
32. **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)
33. Higgins, Chris (PI @ OSU) & **Hurwitz, D.** (Investigator) Oregon Transportation Research and Education Consortium (OTREC) "OTREC Leadership & Coordination" 11/12/2012 to 6/30/2013, \$2,500 (Hurwitz)
34. **Hurwitz, D.** (PI) & Olsen, M. (Co-PI @ OSU). Pacific Northwest Transportation Consortium (PacTrans). "Rendering of Dense, Point Cloud Data in a High Fidelity Driving Simulator," 7/1/2012 to 12/30/2013, \$40,000 (Total); \$20,000 (Hurwitz)
35. **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)
36. 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)
37. **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)

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38. **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)
39. 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)
40. **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)
41. **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)
42. **Hurwitz, D.** (PI) Kittelson & Associates, Inc. "Supplemental data reduction for the transportation operation innovation & demonstration evaluation/statewide," 5/15/2011 to 6/30/2012, \$10,079 (Total)
43. 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)
44. 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)
45. **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)

**STUDENTS MENTORED**

**Post-Doctoral Students**

*Current*

1. None.

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*Completed*

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

**Doctoral Students**

*Current*

1. Helena (Lena) Breuer, *TBD*, 2020 – Present
2. Amy Wyman, *Evaluation of Outward Facing HMI Designs to Promote the Safety of Bicyclists*, 2019 - Present
3. Ananna Ahmed, *Evaluation of Color and Flashing Pattern of Lights on Pavers in Nighttime Work Zones*, 2018 – Present

*Completed*

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

**Masters of Science Students**

*Current*

1. McKenna Milacek, *TBD*, 2020 - Present
2. Eileen Chai, *TBD*, 2020 - Present
3. Jasmin Woodside, Evaluation of Idaho Stop Laws in the Pacific Northwest, 2019 – Present
4. Logan Scott-Deeter, Mitigation of Vehicle-Bicycle Conflicts at Signalized Intersections, 2019 – Present

*Completed*

1. Travis Larson, Evaluation of Passive Pedestrian Detection Technologies, 2020, Transportation Engineer at DKS Associates, Salem, OR
2. Cadell Chand, Co-advised with Dr. Haizhong Wang, Development of Improved Algorithms for Network Level Models of CAV Vehicles from Driving Simulator Results, 2020, Transportation Engineer at Fehr & Peers, Tacoma, WA

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3. Ellen Simpson, 2018, Development and testing of a mobile radar based vehicle trajectory detection system, Transportation Engineer at HDR, Portland, OR
4. Kayla Fleskes, 2018, Influence of Bicyclist Presence on Driver Performance during Autonomous Vehicle Take-Over Requests, Transportation Engineering at DKS Associates, Portland, OR
5. 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
6. Kamilah Burker, 2017, Evaluation of Desktop Learning Modules in Civil Engineering Classrooms to promote Inductive and Interactive Learning, Transportation Engineer, DKS Associates, Portland, OR
7. Sarah McCrea, 2015, Consideration of User Behavior in the Design of Red Light Extension Systems, Engineer Assistant, at Sandow Engineering, Eugene, OR.
8. Jennifer Warner, 2015, Design Alternatives to Mitigate Right Hook Crashes, Transportation Engineer at Stantec, Mechanicsburg, PA
9. Julia Kautz, 2015, Implications of Distraction on Pedestrian Behavior, Engineer 1 at Los Alamos National Laboratory, Los Alamos, NM.
10. Justin Neill, 2014, Evaluation of Alternative Information Signs in Oregon, Transportation Engineer at Traffic Technology Solutions, Beaverton, OR
11. 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
12. Joshua Swake, Driving Simulation: A Mechanisim for Understanding Driver Response to Mobile Barriers in Work Zones, 2013, Transportation Engineering at DKS Associates, Portland, OR
13. Halston Tuss, 2012, Improved Pedestrian Safety at Signalized Intersections Operating the Flashing Yellow Arrow, Transportation Engineer, DKS Associates, Salem, OR
14. Derek Moore, 2012, Fuzzy Logic for Imporved Dilemma Zone Identification: A Simulator Study, Transportation Engineer, DKS Associates, Salem, OR
15. Sahar Nabee, 2011, An Evaluation of Gap Acceptance Behavior at Unsignalized Intersections, PhD student at the University of Maryland

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

*Current*

1. Yujun Liu, 2020

*Completed*

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

**Undergraduate Honors College Students**

*Current*

1. Ivan Sinkus, 2019-Present, TBD

*Completed*

1. Alden Sova, 2019, An Analysis of Driver's Visual Attention when Exposed to Roadside Drone Operations

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

**Committee Member**

*Current*

1. Vikas Kumar, PhD in CE
2. Chen Chen, PhD in CE
3. Ihsan Obaid, PhD in CE
4. Hamsa Abbas Nayyef Zubaidi, PhD in CE

*Completed*

1. Aleah Olsen, MS in CE, Spring 2020
2. Alireza Mostafizi, PhD in CE, Spring 2019
3. Matt Haynes, MS in CE, Spring 2019
4. Kaden Kinser, MS in CE, Spring 2019
5. Kenneth Faiwoyife, MS in CE, Winter 2019
6. Nabeel Saleem Saad Al-Bdairi, PhD in CE, Summer 2018
7. Shangjia Dong, PhD in CE, Summer 2018
8. Jason Anderson, PhD in CE, Summer 2018
9. Chongchong Li, MEng in CE, Spring 2018
10. Joseph Claveria, MS in CE, Spring 2018
11. Harith Abdulsattar, PhD in CE, Spring 2018
12. Yue Xu, MS in CE, Spring 2017
13. Chen Chen, MS in CE, Spring 2017
14. Katarina Morowsky, PhD in IE, Spring 2017
15. Jason Pascoe, MS in CE, Fall 2016
16. Keisha Villanueva, MS in CE, Summer 2016
17. Edger Castro, MS in CE, Summer 2016
18. Tianjiao Li, MS in CE, Spring 2016
19. Hongzhang Chenji, MEng in CE, Winter 2016
20. Adriana Piemonti, PhD in CE, Fall 2015
21. Shangjia Dong, MS in CE, Fall 2015
22. Dejan Duditch, MS in CE, Fall 2015
23. Hamid Mahmoudabadi, PhD in CE, Summer 2015
24. Floraliza Bornasal, PhD in CE, Spring 2015
25. Allie Peters, MS in CE, Spring 2015
26. Amirali Saeedi, PhD in IE, Winter 2013
27. Raul Avelar, PhD in CE, Winter 2013
28. Lu Liu, MSCE, Winter 2013
29. Ian Roholt, MSCE, Winter 2013
30. Jianfei Zheng, MSCE, Fall 2012
31. Lacy Brown, MSCE, Summer 2012
32. Keith Williams, MSCE, Spring 2012
33. Megan Mecham, MSCE, Spring 2012

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34. Ioana Cosma, MSCE, Spring 2012
35. Meng Li, MSCE, Fall 2011
36. Yanfen Zhou, MSCE, Spring 2011
37. Mafruhatul Jannat, MSCE, Spring 2011
38. Fei Xie, MSCE, Winter 2011
39. Neil Kopper, MSCE, Spring 2010
40. Brett Cowgill, MEng, Spring 2011

**Graduate Committee Representative (GCR)**

*Current*

1. Pamela Downs, PhD in Psych, Anticipated Spring 2021
2. Tabeel Jacob, PhD in ME, Anticipated Spring 2021

*Completed*

1. Jamie Graen, MAIS, Fall 2019
2. Madelayne Varela, MAIS, Fall 2019
3. Helen Garrett, PhD in Education, Fall 2016
4. Angelica Falkenstein, MAIS, Spring 2013

**Undergraduate Research Assistants (URA)**

*Current*

1. Eileen Chai, CE, Summer 2020
2. Alden Sova, IE, Summer 2018, Winter Break 2018, Winter 19, Summer 2019, Summer 2020 (Industrial Engineering)
3. Aaron Mendez, Winter 2020, Spring 2020

*Completed*

1. Megan Shu-mei Lee, Fall 2019 – Spring 2020
2. Markas Bauer, CS, Fall 2019 – Spring 2020
3. Lukas Bauer, ME, Fall 2018 – Spring 2019 (Mechanical Engineering)
4. Logan Scott-Deeter, CE, Fall 2016 - Summer 2017; Winter 2018; Spring 2018; Spring 2019
5. Travis Larsen, CE, Winter 2017 - Spring 2017; Winter 2018 - Summer 2018
6. Xiaodan Zhang, CE, Fall 2017 - Spring 2018
7. Amber Meeks, CE, Winter 2015 – Spring 2016
8. Neha Valluri, EECS, Fall 2015, Winter 2016
9. Katie Mannion, CE, Summer 2014
10. Kamilah Buker, CE, Fall 2014 – Summer 2015
11. Amy Wyman, CE, Summer 2014, Winter 2015
12. Kayla Fleskes, CE, Summer 2014
13. Kyle England, CE, Winter 2012
14. Rachel Hanna, CE, Winter 2012
15. Isaac Talley, CE, Summer 2011- Spring 2012
16. Joshua Swake, CE, Summer 2011
17. Cole Fitzpatrick, CE, Spring 2011
18. Brennan Burbank, CE, Fall 2010 – Spring 2011
19. Halston Tuss, CE, Summer 2010

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

*Completed*

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

**STUDENT AWARDS AND ACHIEVEMENTS**

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

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- Masoud Ghodrat Abadi, PhD student, 3<sup>rd</sup> Place, Region X Student Poster Competition, 2015
- Makenzie Ellett, UHC 15, OSU Civil Engineering Student of the year, 2015
- Jennifer Warner, MSCE 15, 2<sup>nd</sup> Place, OSU 3MT/Scholars' Insights Competition, 2015
- Masoud Ghodrat Abadi, PhD student, 1<sup>st</sup> Place, ORITE Section Bill Kloos Scholarship Award, 2015
- Jennifer Warner, MSCE 15, Michael Kyte Outstanding Student of the Year, 2014
- Jennifer Warner, MSCE 15, 1<sup>st</sup> Place, Region X Student Poster Competition, 2014
- Jennifer Warner, MSCE 15, 1<sup>st</sup> Place, Oregon Transportation Summit 3MT competition, 2014
- Patrick Burns, UHC 14, OSU Civil Engineering Student of the year, 2014
- Mafruhatul Jannat, PhD 14, Grand Champion, OSU CCE Grad Student Expo, 2014
- Jennifer Warner, MSCE 15, 1<sup>st</sup> Place, ORITE Bill Kloos Scholarship Award, 2013
- Mafruhatul Jannat, PhD 14, 2<sup>nd</sup> Place, Oregon Transportation Summit 3MT competition, 2013
- Joshua Swake, MSCE 13, PacTrans Student of the Year, 2013
- Patrick Marnell, MSCE 13, 2<sup>nd</sup> Place, ITE Oregon Section Bill Kloos Scholarship Award, 2012

**VISITING SCHOLARS**

*Current*

1. None.

*Completed*

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

**PROFESSIONAL CERTIFICATION/TRAINING**

- Navigating Bias in Learning Environments, June 7, 2019
- Is getting a graduate degree bad for your health?, for graduate faculty and advisors, May 1, 2019
- Advising for Advisors Workshop, April 2, 2019
- Dean's Leadership Series, Workshop 2: The Search Process, December 4, 2018
- Dean's Leadership Series, Workshop 1: On the Line, December 3, 2018
- Integrating Bike-Ped Topics into University Transportation Courses, Portland State University, June 19-20, 2018
- Dean's Leadership Workshop, May 2018
- Mentoring the Mentors of UREG: Beyond Cultural Competence Training, April 2018
- Optimizing our Philanthropic Opportunity for Faculty and Administrative Leaders, Advancement Resources Training, 2015 - 2018
- Shop and Maintenance Personnel
  - Hazard Communication, Feb 2017
  - Hazardous and Universal Waste, Feb 2017, Feb 2018
  - Lab Hazard Awareness for Non-lab Personnel, Feb 2017
- Wave Lab General Safety Training, 2016
- Search Advocate, Oregon State University, 2016
- Collaborative Institutional Training Initiative (CITI)
  - UW Madison Group 1. Social / Behavioral Research Investigators and Key Personnel, 2017
  - Responsible Conduct of Research for Engineers, 2016
  - OSU CITI Conflicts of Interest Course, 2012, 2016



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- Group 1. Social / Behavioral Research Investigators and Key Personnel, 2009, 2016
- Engineer-in-Training, No. 20953, 2004

**TEACHING**

**Oregon State University**

*Credit Courses*

<b>Number</b>	<b>Course Title</b>	<b>Term/Year</b>	<b>Credits</b>	<b>Enrollment</b>
CE 595	Traffic Operations and Design	Fall 2009	3	11
CE 392	Intro to Highway Engineering	Spring 2010	4	31
CE 595	Traffic Operations and Design	Fall 2010	3	16
CE 392	Intro to Highway Engineering	Winter 2011	4	57
CE 590	Isolated Signalized Intersections	Spring 2011	3	15
CE 595	Traffic Operations and Design	Fall 2011	3	9
CE 595	Isolated Signalized Intersections	Winter 2012	3	5
CE 392	Intro to Highway Engineering	Spring 2012	4	34
CE 595	Traffic Operations and Design	Fall 2012	3	21
CE 590	Driving Simulation	Winter 2013	3	14
CE 552	Isolated Signalized Intersections	Spring 2013	3	9
CE 595	Traffic Operations and Design	Fall 2013	3	7
CE 590	Driving Simulation	Winter 2014	3	4
CE 392	Intro to Highway Engineering	Spring 2014	4	47
CE 595	Traffic Operations and Design	Fall 2014	3	16
CE 552	Isolated Signalized Intersections	Winter 2015	3	15
CE 392	Intro to Highway Engineering	Spring 2015	4	26
CE 595	Traffic Operations and Design	Fall 2015	3	18
HC 408	Thesis Learn	Fall 2015	3	32
CE 507	Transportation Seminar	Winter 2016	1	15
CE 392	Intro to Highway Engineering	Spring 2016	4	27
CE 595	Traffic Operations and Design	Fall 2016	3	8
CE 552	Isolated Signalized Intersections	Winter 2017	3	9
CE 507	Transportation Seminar	Winter 2017	1	8
CE 392	Intro to Highway Engineering	Spring 2017	4	28
CE 595	Traffic Operations and Design	Fall 2017	3	11
ENGR 407	CECOP/CE/CEM/FE	Fall 2017	1	30
CE 507	Transportation Seminar	Winter 2018	1	5
CE 554	Driving Simulation	Winter 2018	3	10
CE 392	Intro to Highway Engineering	Spring 2018	4	16
CE 595	Traffic Operations and Design	Fall 2018	3	8
ENGR 407	CECOP/CE/CEM/FE	Fall 2018	1	21
CE 507	Transportation Seminar	Winter 2019	1	6
CE 552	Isolated Traffic Signals	Winter 2019	3	6
HC 408	HC Thesis: Stage 2	Winter 2019	1	45
CE 392	Intro to Highway Engineering	Spring 2019	4	20
CE 392	Intro to Highway Engineering	Spring 2020	4	27
CE 595	Traffic Operations and Design	Fall 2020	3	12

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ENGR 407	CECOP/CE/CEM/FE	Fall 2020	1	10
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*Student Evaluations*

Number	Term	Enrollment	# Responding	Median Student Evaluation (#1 <sup>a</sup> /#2 <sup>b</sup> )	College or School Median* (#1/#2)	Required /Elective
CE 595	Fall 2009	11	9	5.9/6.0	4.9/5.2 <sup>d</sup>	Required
CE 392	Spring 2010	31	28	4.9/5.4	4.5/4.8 <sup>e</sup>	Required
CE 595	Fall 2010	16	14	5.8/5.9	4.9/5.2 <sup>d</sup>	Required
CE 392	Winter 2011	57	50	5.1/5.5	4.5/4.7 <sup>e</sup>	Required
CE 590	Spring 2011	15	15	5.0/5.5	5.0/5.2 <sup>d</sup>	Elective
CE 595	Fall 2011	9	8	5.0/5.8	4.6/4.7 <sup>f</sup>	Required
CE 590	Winter 2012	5	5	5.9/5.9	4.6/4.8 <sup>f</sup>	Elective
CE 392	Spring 2012	34	30	5.8/5.8	4.6/4.7 <sup>f</sup>	Required
CE 595	Fall 2012	21	19	5.7/5.9	4.7/4.8 <sup>f</sup>	Required
CE 590	Winter 2013	14	9	5.4/5.8	4.6/4.8 <sup>f</sup>	Elective
CE 552	Spring 2013	9	6	5.9/5.9	4.6/4.8 <sup>f</sup>	Elective
CE 595	Fall 2013	7	7	5.6/5.8	4.8/4.9 <sup>f</sup>	Required
CE 590	Winter 2014	4	4	none/none	none/none	Elective
CE 392	Spring 2014	47	41	5.0/5.3	4.9/5.1 <sup>f</sup>	Required
CE 595	Fall 2014	16	16	6.0/6.0	4.8/4.9 <sup>f</sup>	Required
CE 552	Winter 2015	15	13	5.9/5.9	4.8/5.0 <sup>f</sup>	Elective
CE 392	Spring 2015	26	23	5.2/5.3	4.8/5.1 <sup>f</sup>	Required
CE 595	Fall 2015	18	16	5.9/5.8	5.0/5.2 <sup>f</sup>	Required
HC 408	Fall 2015	32	25	4.2/5.2	5.3/5.5 <sup>f</sup>	Required
CE 507	Winter 2016	15	12	5.6/5.9	4.6/4.8 <sup>f</sup>	Required
CE 392	Spring 2016	27	25	5.7/5.7	4.7/4.9 <sup>f</sup>	Required
CE 595	Fall 2016	8	8	5.8/5.8	5.0/5.1 <sup>f</sup>	Required
CE 552	Winter 2017	9	7	5.3/5.8	4.9/5.2 <sup>f</sup>	Elective
CE 507	Winter 2017	7	5	5.7/5.9	4.9/5.2 <sup>f</sup>	Required
CE 392	Spring 2017	28	20	5.4/5.6	5.0/5.2 <sup>f</sup>	Required
CE 595	Fall 2017	11	9	5.9/6.0	5.0/5.2 <sup>f</sup>	Required
ENGR 407	Fall 2017	30	22	4.7/5.2	5.1/5.3 <sup>f</sup>	Required
CE 507	Winter 2018	5	4	5.8/6.0	5.1/5.3 <sup>f</sup>	Required
CE 554	Winter 2018	10	6	5.8/5.9	5.1/5.3 <sup>f</sup>	Elective
CE 392	Spring 2018	16	8	5.3/5.7	5.0/5.2 <sup>f</sup>	Required
CE 595	Fall 2018	8	7	5.9/5.9	5.2/5.3 <sup>f</sup>	Required
ENGR 407	Fall 2018	21	15	5.1/5.9	5.1/5.3 <sup>f</sup>	Required
CE 507	Winter 2019	6	6	5.9/5.8	4.8/5.1 <sup>f</sup>	Required
CE 552	Winter 2019	6	5	5.9/6.0	4.8/5.1 <sup>f</sup>	Elective
HC 408	Winter 2019	43	21	5.2/5.4	5.5/5.6 <sup>f</sup>	Elective
CE 392	Spring 2019	20	8	5.7/5.7	5.1/5.1 <sup>f</sup>	Required
CE 392	Spring 2020	27	12	5.6/ 6.0	NA	Required
CE 595	Fall 2020	15	TBD	TBD/ TBD	TBD / TBD	Required
ENGR 407	Fall 2020	20	TBD	TBD/ TBD	TBD / TBD	Required

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

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

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

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

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

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

*Guest Lecturer*

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

*Non-Credit Courses and Workshops*

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

**National Effective Teaching Institute**

- NEIT-3: effective teaching in a virtual environment, July 23 & 24, 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 for the past 19 years. Faculty members from across the country and around the world have benefited from this workshop. Acceptance rates for the weeklong program are commonly less than 50% due to the high demand for participation (over 100 applications from professors) and limited capacity (48 slots per year). Workshop mentors are exemplar engineering educators from around the country.

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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
- **Participant**, ASCE: Mini ExCEED Teaching Workshop, Portland State University, June 2009

### University of Massachusetts Amherst

#### *Credit Courses*

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

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

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

## SERVICE ACTIVITIES

### Journal Editorships

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

### Peer Review

#### *Proposals*

- Natural Sciences and Engineering Research Council of Canada (NSERC)
  - 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

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- 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
- Mid-American Transportation Center (MATC), University of Nebraska-Lincoln, 2011, 2013, 2018
- UMass Transportation Center, University of Massachusetts Amherst, 2010, 2011, 2013
- Ohio Transportation Consortium (OTC), University of Akron, 2010
- University Transportation Research Center Region II (UTRC), The City College of New York, 2010, 2015, 2016

*Technical Reports*

- National Institute for Transportation and Communities (NITC), 2019
- Idaho Department of Transportation, 2015
- Center for Accessibility and Safe Transportation for an Aging Population, Florida State University, 2015, 2016

*Archival Journals*

- 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

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- 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, 2010 - present
- Injury Prevention, 2010 - present
- Journal of Transportation Safety & Security, 2009 - present

*Books*

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

*Conferences*

- Institute of Transportation Engineers Annual Meeting, 2018
- 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
  - Traffic Signal Systems (AHB25), 2012 - 2018
  - Simulation and Measurement of Vehicle and Operator Performance (AND30), 2011 - Present
  - Vehicle User Characteristics (AND10), 2011 - Present
  - Traffic Flow Theory & Characteristics (AHB45), 2011 - 2018
  - Safety Data, Analysis, and Evaluation (ANB20), 2010 - 2018
  - Traffic Control Device Committee (AHB50), 2009 - Present

**Conference and Session Leadership**

*Conferences Organized*

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

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- **Member**, Steering Committee, PNW ASEE Section Conference in *Spokane, Washington*, November 2020
- **Chair, Member**, Conference Organizing Committee, Use of Driving Simulators to Evaluate Behaviors of Drivers: Measures and Countermeasures at Tongji University in *Shanghai, China*, October 2019
- **Member**, Steering Committee, PNW ASEE Section Conference in *Corvallis, Oregon*, March 2019
- **Member**, Conference Organizing Committee, 3<sup>rd</sup> Transportation Engineering Educator's Workshop (TEEW) in *Auburn, Alabama*, May 2018
- **Advisor**, Planning Committee, 5<sup>th</sup> Annual Western District Student Leadership Summit (over 127 students from 25 universities participated) in *Corvallis, Oregon*, Jan 2018
- **Member**, Steering Committee, PNW ASEE Section Conference in *Seattle, Washington*, March 2017
- **Member**, Steering Committee, PNW ASEE Section Conference in *Boise, Idaho*, March 2016
- **Chair**, Conference Organizing Committee, PacTrans Region 10 Transportation Conference in *Seattle, Washington*, October 2015
- **Member**, Conference Organizing Committee, PacTrans Region 10 Transportation Conference in *Seattle, Washington*, October 2014
- **Member**, Steering Committee, Northwest Transportation Conference in *Corvallis, Oregon*, February 2014, March 2016, March 2018, March 2020
- **Chair**, Conference Organizing Committee, 2<sup>nd</sup> Transportation Engineering Educator's Workshop (TEEW) in *Seattle, Washington*, July 2012

*Sessions Organized and Moderated*

- **Moderator**, Day 2, Use of Driving Simulators to Evaluate Behaviors of Drivers: Measures and Countermeasures at Tongji University in *Shanghai, China*, October 2019
- **Member**, ASCE International Conference on Transportation & Development (ICTD2019) Emerging Technologies Task Committee, June 2019
- **Moderator**, Panel on Leadership in Transportation, 5<sup>th</sup> Annual Western District Student Leadership Summit, in *Corvallis, Oregon*, January 2018
- **Organizer**, ITE Webinar, Evidence Based Instructional Practice: Introduction to Transportation Engineering, (55 unique logins), December 2017
- **Moderator**, Session 4D Technology – Innovative Testing, Mid-Continent Transportation Research Symposium at Iowa State University, Ames, Iowa, August 2017
- **Moderator**, Spotlight Session VII: Technology Frontiers, 17<sup>th</sup> COTA International Conference of Transportation Professionals CICTP 2017 at Tongji University, Shanghai, China, July 2017
- **Moderator**, Poster Session 400: Simulation and Measurement of Vehicle and Operator Behavior, Transportation Research Board 96<sup>th</sup> Annual Meeting in *Washington, D.C.*, January 2017
- **Co-Moderator**, Infrastructure and Bicycles, 10<sup>th</sup> University Transportation Center Spotlight Conference: Pedestrian and Bicycle Safety in *Washington, D.C.*, December 2016
- **Moderator**, Innovations in ROW Design, Northwest Transportation Conference in *Corvallis, OR*, March 2016
- **Moderator**, AND30 Poster Session, Transportation Research Board 95<sup>th</sup> Annual Meeting in *Washington, D.C.*, January 2016
- **Organizer and Moderator**, Hybrid Poster Session (31 participants) PacTrans 2015 Region 10 Transportation Conference in *Seattle, Washington*, October 2015

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- **Moderator**, Spotlight Session V: Traffic Operations and Safety (5 speakers), 15<sup>th</sup> COTA International Conference of Transportation Professionals (CICTP 2015) in *Beijing, China*, July 2015
- **Moderator**, Safe User Breakout Session (5 speakers), PacTrans 2015 Safety Workshop in *Seattle, Washington*, May 2015
- **Organizer and Moderator**, Hybrid Poster Session (28 participants), PacTrans 2014 Region 10 Transportation Conference in *Seattle, Washington*, October 2014
- **Organizer**, Frontiers in Human Factors Research, 3<sup>rd</sup> Annual Oregon Transportation Summit in *Portland, Oregon*, Sept 2011
- **Moderator**, Session 6C Transit Planning, Operations, and Design II, Western District ITE Annual Meeting in *Anchorage, Alaska*, July 2011

**Professional Membership and Leadership**

- Transportation Research Board (TRB), Traffic Control Device Committee (AHB50),
  - **Secretary**, 2014 - Present
  - **Member**, 2011 - Present
- TRB Simulation and Measurement of Vehicle and Operator Performance (AND30)
  - **Secretary**, 2015 - Present
  - **Paper Review Coordinator**, 2014 - Present
    - 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 the 200 manuscripts.
  - **Member**, 2010 - Present
- Institute of Transportation Engineers (ITE)
  - International
    - **Member**, Professional Development Strategic Planning Task Force, 2019 - Present
    - **Chair**, Education Council, 2020 - Present
    - **Vice Chair**, Education Council, 2017 - 2019
    - **Executive Committee Member**, Education Council, 2010 - 2017
    - **Member**, ITE Student Chapter Committee, 2014 - 2016
    - **ITE Reviewer**, MUTCD, 2013 - 2014
    - **Education Council Liaison**, Traffic Engineering Council, 2011 - 2015
    - **Member**, Climate and Energy Task Force, 2010 - 2011
  - Section
    - **Secretary/Treasurer**, GOITE, 2014 - 2016
    - **Webmaster**, ORITE, 2012 - 2014
  - Chapter
    - **Advisor**, OSU ITE Student Chapter, 2012 - Present
    - **President**, UMass Amherst ITE Student Chapter, 2008 - 2009
    - **Vice President**, UMass Amherst ITE Student Chapter, 2007
    - **Consultant Liaison**, UMass Amherst ITE Student Chapter, 2007
  - **Fellow**, 2019 - Present
  - **Member**, 2004 - 2019
- American Society of Civil Engineers (ASCE)
  - International



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- **Participant**, Legislative Fly-in, 2019
- **Past Chair**, Committee on Faculty Development (CFD), 2017 - 2018
- **Chair**, CFD, 2016 - 2017
- **Secretary**, CFD, 2015 - 2016
- **Member**, CFD, 2014 - 2015
- **Member**, 2007 - Present
- American Society for Engineering Education (ASEE)
  - Section
    - **Chair**, PNW ASEE, 2019 - Present
    - **Vice Chair**, PNW ASEE, 2017 - 2019
    - **Secretary**, PNW ASEE, 2013 - 2017
  - **Member**, 2010 - Present
- WTS International
  - **Member**, 2020 - 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**, Human Interactions with the Transportation System Expert Task Group (ETG), 2019 - Present
  - **Member**, Work Zone Executive Strategy Session, OSU Representative 2016 - 2019

**Oregon State University Service**

*OSU Standing Committees*

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

*COE Ad-Hoc Committees*

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

*COE Other Activities*

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

*University Honors College*

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

*CCE Standing Committees*

- **Member**, Awards Committee, 2020-2021
- **Member**, Standing Instructor Search Committee, 2019 - 2020
- **Chair**, Emergency Instructor Search Committee, 2016 - 2017

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

*CCE Ad-Hoc Committees*

- **Member**, 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*

- **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**

- **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