

# DAVID S. HURWITZ, PhD

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

## 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>Associate Director,</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 - Present
<b>Assistant Professor of Transportation Engineering,</b> School of Civil and Construction Engineering, Oregon State University	2009 - 2015
<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>Graduate Teaching Assistant,</b> Civil & Environmental Engineering, UMass Amherst	2007-2008
<b>Undergraduate Research Assistant,</b> Civil & Environmental Engineering, UMass Amherst	2003-2004

## AWARDS AND ACHIEVEMENT

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 Vice Provost's Award for Excellence</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, *National Honor Society for First-Year Students*  
Eagle Scout Award, *Boy Scouts of America*

2001  
1997

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

**Refereed Journal Publications**

1. Warner, J.\*, Hurwitz, D., Monsere, C., & Fleskes, K.\* (accepted 04/26/17) "A simulator-Based Analysis of Engineering Treatments for Right-Hook Bicycle Crashes at Signalized Intersections," *Accident Analysis and Prevention*.
2. Abadi, M. G.\*, Hurwitz, D., & Brown, S. (accepted 2/6/2017) "Influence of Context on Item-Specific Self-Efficacy and Competence of Engineering Students," *International Journal of Engineering Education*.
3. Abadi, M. G.\*, Jashami, H.\*, McCrea, S. A.\*, & Hurwitz, D. (accepted 1/31/2017) "Evaluation of Right-of-Way Transitions at Signalized Intersections: Implications of Driver Behavior for Conflicting Though Movements," *Transportation Research Record: Journal of the Transportation Research Board*.
4. Villanueva, K., Brown, S., Pitterson, N., Hurwitz, D., & Sitomer, A. (accepted 1/14/17) "Teaching Evaluation Practices in Engineering Programs: Current Approaches and Usefulness" *International Journal of Engineering Education*.
5. Mohammad, H. A.\*, Hurwitz, D., Smaglik, E. (accepted 9/27/2016) "Variable Driver Responses to Yellow Indications: An Operational Challenge and Safety Concern," *ITE Journal*.
6. 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.  
[http://ascelibrary.org/doi/abs/10.1061/\(ASCE\)EI.1943-5541.0000289](http://ascelibrary.org/doi/abs/10.1061/(ASCE)EI.1943-5541.0000289)
7. 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.  
<http://ascelibrary.org/doi/abs/10.1061/%28ASCE%29EI.1943-5541.0000275>
8. 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. <http://ascelibrary.org/doi/abs/10.1061/%28ASCE%29TE.1943-5436.0000807>
9. 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.  
<http://www.tandfonline.com/doi/full/10.1080/19439962.2014.997329>
10. 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. <http://www.sciencedirect.com/science/article/pii/S0968090X15004246>
11. 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.  
[http://ascelibrary.org/doi/abs/10.1061/\(ASCE\)TE.1943-5436.0000788](http://ascelibrary.org/doi/abs/10.1061/(ASCE)TE.1943-5436.0000788)
12. Hurwitz, D., Young, R., Turochy, R., & Sanford Bernhardt, K. (2015) "Transportation Engineering Instruction Practices: An Analytic Review of the Literature," *Transportation Research Record: Journal of the Transportation Research Board*, Issue 2480, 45-54.  
<http://trrjournalonline.trb.org/doi/pdf/10.3141/2480-06>

13. 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. <http://onlinelibrary.wiley.com/doi/10.1002/atr.1258/full>
14. **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. <http://trrjournalonline.trb.org/doi/pdf/10.3141/2463-01>
15. **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. <http://trrjournalonline.trb.org/doi/pdf/10.3141/2414-07>
16. **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. [http://ascelibrary.org/doi/abs/10.1061/\(ASCE\)EI.1943-5541.0000196](http://ascelibrary.org/doi/abs/10.1061/(ASCE)EI.1943-5541.0000196)
17. 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. <http://trrjournalonline.trb.org/doi/pdf/10.3141/2384-04>
18. **Hurwitz, D.**, Heaslip, K., Schrock, S., Swake, J.\*, Marnell, P.\*, Tuss, H.\* & Fitzsimmons, E. (2013) "Implications of Distracted Driving on Startup Lost Time for Dual Left Turn Lanes," *Journal of Transportation Engineering*, ASCE, Volume 139, Issue 9, 923-930. <http://ascelibrary.org/doi/abs/10.1061/%28ASCE%29TE.1943-5436.0000569>
19. 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. **[Receive a Practice-Ready Paper Designation]** <http://trrjournalonline.trb.org/doi/pdf/10.3141/2328-02>
20. **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. <http://www.tandfonline.com/doi/abs/10.1080/10429247.2012.11431945>
21. 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. <http://trrjournalonline.trb.org/doi/abs/10.3141/2272-12>
22. **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. <http://library.ite.org/pub/e2583119-2354-d714-5183-fbacb28125e6>
23. **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. <http://www.sciencedirect.com/science/article/pii/S1369847811001021>
24. 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. <http://trrjournalonline.trb.org/doi/pdf/10.3141/2211-04>

25. **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. [http://ascelibrary.org/doi/full/10.1061/\(ASCE\)TE.1943-5436.0000219](http://ascelibrary.org/doi/full/10.1061/(ASCE)TE.1943-5436.0000219)
26. 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. <http://www.tandfonline.com/doi/full/10.1080/19439962.2010.548909>
27. **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. <http://injuryprevention.bmj.com/content/16/2/79.abstract>

#### Refereed Conference Publications

1. 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, 2017.
2. 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. <https://trid.trb.org/view.aspx?id=1437945>
3. Young, R., Sanford Bernhardt, K., **Hurwitz, D.**, & Turochy, R. (2015) "What a Systematic Literature Review Tells us About Transportation Engineering Education," 122<sup>th</sup> *ASEE Annual Conference & Exposition Conference Compendium*, Seattle, WA, June 14-17. <https://www.asee.org/public/conferences/56/papers/12635/view>
4. Islam, M.\*, **Hurwitz, D.**, & Brown, S. (2014) "Identifying Traffic Signal System Misconceptions of Students and Practicing Engineers to Develop a Traffic Signal Concept Inventory," 121<sup>th</sup> *ASEE Annual Conference & Exposition Conference Compendium*, Indianapolis, IN, June 15-18. <https://peer.asee.org/23203>
5. Jannat, M.\*, **Hurwitz, D.** & Brown, S. (2014) "Promoting the Adoption of Innovative Teaching Practices by Transportation Engineering Faculty in a Workshop," 121<sup>th</sup> *ASEE Annual Conference & Exposition Conference Compendium*, Indianapolis, IN, June 15-18. <https://peer.asee.org/22955>
6. 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. <https://trid.trb.org/view.aspx?id=1289334>
7. 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. <http://trid.trb.org/view.aspx?id=1288205>
8. 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. <https://peer.asee.org/19082>
9. **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. <https://peer.asee.org/22281>

10. 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.  
[http://drivingassessment.uiowa.edu/sites/default/files/DA2013/Papers/044\\_Swake\\_0.pdf](http://drivingassessment.uiowa.edu/sites/default/files/DA2013/Papers/044_Swake_0.pdf)
11. 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.  
[http://drivingassessment.uiowa.edu/sites/default/files/DA2013/Papers/074\\_Marnell\\_0.pdf](http://drivingassessment.uiowa.edu/sites/default/files/DA2013/Papers/074_Marnell_0.pdf)
12. 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.  
<http://trid.trb.org/view/2013/C/1242932>
13. 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. <http://trid.trb.org/view.aspx?id=1241082>
14. 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. <http://trid.trb.org/view/2012/C/1129853>
15. 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.  
<http://trid.trb.org/view.aspx?id=1129078>
16. 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. <https://peer.asee.org/22281>
17. 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.  
<http://onlinepubs.trb.org/onlinepubs/conferences/2011/RSS/1/Tupper,S.pdf>
18. Nabaee, S.\*, Moore, D.\*, & Hurwitz, D. (2011) "Revisiting Driver Behavior at Unsignalized Intersections: Time of Day Implications for Two Way Left Turn Lanes (TWLTL)," *Proc. 6<sup>th</sup> International Driving Symposium on Human Factors in Driver Assessment, Training, and Vehicle Design*, Olympic Valley-Lake Tahoe, CA, June 27-30, 440-446.  
[http://drivingassessment.uiowa.edu/sites/default/files/DA2011/Papers/063\\_NabaeeMoore.pdf](http://drivingassessment.uiowa.edu/sites/default/files/DA2011/Papers/063_NabaeeMoore.pdf)
19. Hurwitz, D., Knodler, M., Nabaee, S.\*, & Tuss, H.\* (2011) "Driver Comprehension of the Circular Yellow Indication: Implications of Regional Variability," *90<sup>th</sup> Transportation Research Board Annual Meeting Compendium*, Paper 11-3065. <http://trid.trb.org/view.aspx?id=1092825>
20. 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. <http://trid.trb.org/view.aspx?id=910727>
21. 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. <http://trid.trb.org/view.aspx?id=848747>

22. **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. [http://drivingassessment.uiowa.edu/DA2007/PDF/060\\_HurwitzKnodler.pdf](http://drivingassessment.uiowa.edu/DA2007/PDF/060_HurwitzKnodler.pdf)
23. **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. <http://www.nads-sc.uiowa.edu/dscna/2005/main.htm>

#### Conference Publications Refereed by Abstract

1. **Horne, D.\*** and **Hurwitz, D.** (2017) "Calibration of a Bicycling Simulator" 6<sup>th</sup> International Cycling Safety Conference (ICSC), Davis, California Sept. 21-22.
2. **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.
3. **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
4. **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. <http://vti.diva-portal.org/smash/get/diva2:927794/FULLTEXT01.pdf>
5. **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.
6. **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. [http://www.westernite.org/annualmeetings/13\\_Phoenix/Presentations/Session%204B%20-%20Marnell.pdf](http://www.westernite.org/annualmeetings/13_Phoenix/Presentations/Session%204B%20-%20Marnell.pdf)
7. **Tuss, H.\*** & **Hurwitz, D.** (2011) "Efficiency Lost at Signalized Intersections from Distracted Driving," *ITE 2011 Western District Annual Meeting*, Anchorage, AK, July 10-13. <http://www.westernite.org/annualmeetings/alaska11/Compendium/Moderated%20Session%20Papers/6C-Halston%20Tuss.pdf>
8. **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. <http://library.ite.org/pub/e22d0282-2354-d714-51e0-629ba49803e8>

#### Research Reports

1. **Hurwitz, D.**, **Barlow, Z.**, Abdel-Rahim, A., Belz, N., Boyle, L., Hajibabai, L. (submitted 04/15/17) Mitigation of Lane Departure Crashes in the Pacific Northwest through Coordinated Outreach (Phase II). Pacific Northwest Transportation Consortium (PacTrans), Seattle, WA, 31p.
2. Olsen, M., **Hurwitz, D.**, Kashani, A., & **Buker, K.** (Submitted 10/15/16) 3D Virtual Sight Distance Analysis using Lidar Data. Pacific Northwest Transportation Consortium (PacTrans), Seattle, WA, 87p.
3. **Hurwitz, D.**, **Barlow, Z.**, Abdel-Rahim, A., Belz, N., Boyle, L., Hajibabai, L. (submitted 10/15/16) Mitigation of Lane Departure Crashes in the Pacific Northwest through Coordinated Outreach (Phase I). Pacific Northwest Transportation Consortium (PacTrans), Seattle, WA, 31p.

4. Gambatese, J., **Hurwitz, D.**, & Barlow, Z.\* (2017) Highway Worker Safety. National Cooperative Highway Research Program (NCHRP) Synthesis Report, Washington, D.C., 149p. <http://www.trb.org/Publications/Blurbs/176006.aspx>
5. **Hurwitz, D.**, Abadi, M.\*, McCrea, S.\*, Quayle, S. & Marnell, P. (2016) Smarter Red Clearance Extension Systems. Oregon Department of Transportation (ODOT), Salem, OR, 139p. [http://www.oregon.gov/ODOT/TD/TP\\_RES/docs/Reports/2016/SPR773\\_Smart\\_Red\\_Clearance.pdf](http://www.oregon.gov/ODOT/TD/TP_RES/docs/Reports/2016/SPR773_Smart_Red_Clearance.pdf)
6. **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. <http://depts.washington.edu/pactrans/wp-content/uploads/2013/11/PacTrans-28-OSU-Hurwitz-et-al.pdf>
7. **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.
8. **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. [http://www.oregon.gov/ODOT/TD/TP\\_RES/docs/Reports/2015/SPR767\\_FinalReport\\_070815.pdf](http://www.oregon.gov/ODOT/TD/TP_RES/docs/Reports/2015/SPR767_FinalReport_070815.pdf)
9. **Hurwitz, D.**, Olsen, M., and 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. <http://depts.washington.edu/pactrans/wp-content/uploads/2013/11/PacTrans-29-OSU-Hurwitz-et-al1.pdf>
10. **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. <http://depts.washington.edu/pactrans/wp-content/uploads/2012/12/PacTrans-7-739437-Hurwitz-David-Multi-Outreach.pdf>
11. **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. <http://depts.washington.edu/pactrans/wp-content/uploads/2012/12/PacTrans-10-739437-Hurwitz-David-Small-Project.pdf>
12. **Hurwitz D.** (2013) Active Learning Modules for Human Factors. Oregon Transportation Research and Education Consortium (OTREC), OTREC-ED-13-03, Portland, OR, 8p.
13. **Hurwitz D.** (2013) Transportation Educators Conference: Advancement of the National Curriculum Project. National Science Foundation (NSF), Washington, D.C.
14. **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. [http://nitc.trec.pdx.edu/research/project/484/Improved\\_Pedestrian\\_Safety\\_at\\_Signalized\\_Intersections\\_Operating\\_the\\_Flashing\\_Yellow\\_Arrow](http://nitc.trec.pdx.edu/research/project/484/Improved_Pedestrian_Safety_at_Signalized_Intersections_Operating_the_Flashing_Yellow_Arrow)
15. 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. <http://www.trb.org/Publications/Blurbs/169111.aspx>
16. 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.
17. 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.

18. Knodler, M., & **Hurwitz, D.** (2008) Dilemma Zone Issues at High-speed Signalized Intersections. Vermont Agency of Transportation, Montpelier, VT, 55p.  
[http://vtransplanning.vermont.gov/sites/aot\\_program\\_development/files/documents/materials\\_andresearch/completedprojects/Dilemma\\_Zone\\_Final\\_Report\\_6\\_19\\_09.pdf](http://vtransplanning.vermont.gov/sites/aot_program_development/files/documents/materials_andresearch/completedprojects/Dilemma_Zone_Final_Report_6_19_09.pdf)
19. Knodler, M. & **Hurwitz, D.** (2008) UMass Amherst Summer Transportation Institute Final Report. Massachusetts Executive Office of Transportation and Public Works, Boston, MA.
20. Knodler, M. & **Hurwitz, D.** (2008) "Demonstration and Evaluation of Rational Speed Limits Project Report (Supplemental)," Federal Highway Administration, Washington D.C.
21. 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.
22. 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**, OSU ASCE Student Chapter Speaker Meeting, Corvallis, OR, Causal Factors of Right-Hook Crashes in Oregon, February 16, 2016.
2. **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.
3. **Invited**, Work Zone Executive Strategy Session in Salem, OR, Work Zone Safety Research, December 7, 2015.
4. **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.
5. **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.
6. **Invited**, 15<sup>th</sup> COTA CICTP 2015 at Beijing Jiaotong University in Beijing, China, *Driving Simulator Evaluation of Alternative Information Signs in Oregon*, July 27, 2015
7. **Invited**, ExCEEEd Teaching Workshop at Florida Gulf Coast University in Fort Myers, FL, *Making ExCEEEd Work at Oregon State University*, July 26, 2015.
8. **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*)
9. **Invited**, Oregon ITE Luncheon in Portland, OR, *Driver Response to Countdown Timers*, October 16, 2014.
10. **Invited**, Oregon Transportation Summit in Portland, OR, *Driver Related Causal Factors for Right Hook Crashes*, September 15, 2014.
11. **Invited**, ExCEEEd Teaching Workshop at United States Military Academy in West Point, NY, Making ExCEEEd Work at Oregon State University, July 25, 2014.
12. **Invited**, ExCEEEd Teaching Workshop at Florida Gulf Coast University in Fort Myers, FL, Making ExCEEEd Work at Oregon State University, July 26, 2013.
13. **Invited**, ITE District 1 Annual Meeting in Northampton, MA, Integration of Professional Practice into Undergraduate Transportation Curriculum, May 22, 2013.



**David S. Hurwitz**

04/30/2017

14. **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.
15. **Invited**, Oregon Transportation Summit in Portland, OR, Driving and Bicycling Simulator Research at OSU, September 9, 2011.
16. **Invited**, TransPort Technical Advisory Committee Meeting at ODOT Region 1 in Portland, OR, OSU Driving and Bicycling Simulator: Infrastructure & Active Research, August 10, 2011
17. **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
18. **Invited**, Northwest Transportation Conference at Oregon State University in Corvallis, OR, The Role of Rational Speed Limits in Traffic Calming, February 10, 2010.
19. **Invited**, ITE District 1 Annual Meeting in Providence, RI, The relationship between Traffic Calming and Rational Speed Limits, May 2007
20. **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 (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 Seminar Series at Portland State University in Portland, OR, Towards the Mitigation of Right-Hook Crashes at Signalized Intersections in Oregon, February 5, 2016.
2. **Invited**, Faculty Research Presentations to for the COE Alumni Fellow at Oregon State University, Corvallis, OR, Transportation Operations and Safety Research, October 23, 2015.
3. **Invited**, Seminar at Kittelson & Associates, Inc., in Portland, OR, Transportation Engineering at Oregon State University, April 22, 2014.
4. **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.
5. **Invited**, Guest lecture - Intro to transportation at Washington State University in Pullman, WA, Driver Behavior at Signalized Intersections, March 26, 2012.
6. **Invited**, Seminar at Kittelson & Associates, Inc. in Portland, OR, OSU Driving and Bicycling Simulator: Infrastructure & Active Research, August 10, 2011.
7. **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.
8. **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. Wang, Y., Casavant, K., Abdel-Rahim, A., Connor, B., and **Hurwitz, D.** (USDOT) Region X University Transportation Center (UTC). Year 1: \$2,750,000 (Total); \$411,000 (Hurwitz)
2. Noyce, D., 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," \$300,000 (Total); \$46,500 (Hurwitz)
3. **Hurwitz, D.** and Monsere, C. Oregon Department of Transportation (ODOT) "Quantifying the Performance of Low-Noise Rumble Strips," \$180,000 (Total); \$110,000 (Hurwitz)
4. **Hurwitz, D.** (PI) Pacific Northwest Transportation Consortium (PacTrans) "OSU Administrative Account – yr 5," 12/15/2016 to 12/14/2017, \$64,875 (Total); \$64,875 (Hurwitz)
5. **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 12/14/2017, \$165,000 (Total); \$41,000 (Hurwitz)
6. Chang, K., Lowry, M., and **Hurwitz, D.** Pacific Northwest Transportation Consortium (PacTrans) "Streamlining the Crash Reporting Process in the Pacific Northwest" 12/15/2016 to 12/14/2017, \$120,000 (Total); \$40,000 (Hurwitz)
7. **Hurwitz, D.** (PI) Pacific Northwest Transportation Consortium (PacTrans) "OSU Administrative Account – yr 4" \$64,875 (Hurwitz)
8. **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)
9. **Hurwitz, D.** (PI), Brown, S. (Co-PI @ OSU), and Cox, D. (Co-PI @ OSU) National Science Foundation (NSF). "Investigation of Context Across Engineering Domains: Bridging the Eye-Mind Divide," 10/01/2015 to 09/30/2018, \$300,000 (Total); \$200,000 (Hurwitz)
10. **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," 01/01/2015 to 06/30/2017, \$180,000 (Total); \$94,000 (Hurwitz)
11. **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 6/15/2017, \$21,222(Total); \$21,222 (Hurwitz)
12. **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)

### Completed

1. **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," 12/15/2015 to 6/15/2017, \$175,000 (Total); \$45,000 (Hurwitz)
2. **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)

**David S. Hurwitz**

04/30/2017

3. 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)
4. 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)
5. **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)
6. **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)
7. **Hurwitz, D.** (PI) Oregon Department of Transportation (ODOT). "Northwest Transportation Conference Featured Speakers," 2/14/2014-4/14/2014, \$12,500 (Hurwitz)
8. **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)
9. **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)
10. 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)
11. **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)
12. 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)
13. **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)
14. **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)
15. 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)
16. **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)
17. **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)

**David S. Hurwitz**

04/30/2017

18. 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)
19. **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)
20. **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)
21. **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)
22. 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)
23. 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)
24. **Hurwitz, D.** (PI) Oregon Department of Transportation (ODOT). "Relating Traffic Systems Management and Operations Strategies to ODOT Policy Goals," 11/23/2009 to 9/30/2011, \$121,663 (Hurwitz)

**INTERNAL SUPPORT**

**Completed**

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

**STUDENTS MENTORED**

**Post-Doctoral Students**

*Current*

1. Dr. Hagai Tapiro, 2017 – Present

**Doctoral Students**

*Current*

1. Zackary Barlow, Rural Transportation Safety, 2017 - Present
2. Dylan Horne, Development and Evaluation of Improved Bicycle Infrastructure, 2016 - Present

**David S. Hurwitz**

04/30/2017

3. Hisham Jashami, The Influence of Distraction on Driver Behavior in the Dilemma Zone, 2015 – Present
4. Hameed Aswad, Defining the Influence of Following Vehicle Classification and Spacing on Dilemma Zone Driver Behavior, 2015 – Present
5. Masoud Ghodrat Abadi, Design and Operational Considerations for Bicycles on Transportation Infrastructure, 2014 – Present

*Completed*

1. Mohammad Islam, 2014, Safety and Efficiency Benefits of Traffic Signal Countdown Timers, Transportation Engineer at Traffic Technology Services, Inc., Beaverton, OR
2. Mafruhatul Jannat, 2014, Towards the Mitigation of Right-Hook Crashes at Signalized Intersections, Lab Manager/Senior Researcher for Leidos at Turner-Fairbank Highway Research Center, McLean, VA

**Masters of Science Students**

*Current*

1. Ellen Simpson, TBD, 2017- Present
2. Kayla Fleskes, TBD, 2016 - Present

*Completed*

1. Zackary 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
2. Kamilah Burker, 2017, Evaluation of Desktop Learning Modules in Civil Engineering Classrooms to promote Inductive and Interactive Learning, Transportation Engineer, DKS Associates, Portland, OR
3. Sarah McCrea, 2015, Consideration of User Behavior in the Design of Red Light Extension Systems, Engineer Assistant, at Sandow Engineering, Eugene, OR.
4. Jennifer Warner, 2015, Design Alternatives to Mitigate Right Hook Crashes, Stantec, Mechanicsburg, PA
5. Julia Kautz, 2015, Implications of Distraction on Pedestrian Behavior, Engineer 1 at Los Alamos National Laboratory, Los Alamos, NM.
6. Justin Neill, 2014, Evaluation of Alternative Information Signs in Oregon, Transportation Engineer at Traffic Technology Solutions, Beaverton, OR
7. 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
8. Joshua Swake, Driving Simulation: A Mechanisim for Understanding Driver Response to Mobile Barriers in Work Zones, 2013, Transportation Engineering at DKS Associates, Portland, OR
9. Halston Tuss, 2012, Improved Pedestrian Safety at Signalized Intersections Operating the Flashing Yellow Arrow, Transportation Engineer, DKS Associates, Salem, OR
10. Derek Moore, 2012, Fuzzy Logic for Imporved Dilemma Zone Identification: A Simulator Study, Transportation Engineer, DKS Associates, Salem, OR
11. 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)

*Completed*

1. Xufeng Tang, 2016
2. Zachary Williams, 2013
3. Keith Blair, 2012

**Undergraduate Honors College Students**

*Current*

1. Cadell Chand, Evaluation of Dooring Crashes, 2016 - Present

*Completed*

1. Amy Wyman, 2016, Visual Attention to Red Signal Countdown Timers Among Oregon Drivers
2. Makenzie Ellett, 2015, Influence of Texting on Driver Glance Patterns and Lane Position on Horizontal Curves, BSCE student at Oregon State University
3. 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. Nabeel Al-Bdairi, PhD in CE, Anticipated TBD
2. Yue Xu, MS in CE, Anticipated TBD
3. Harith Abdulsattar, PhD in CE, Anticipated TBD
4. Chen Chen, MS in CE, Anticipated Spring 2017
5. Shangjia Dong, PhD in CE, Anticipated Fall 2017
6. Katarina Morowsky, PhD in IE, Anticipated Spring 2017

*Completed*

1. Jason Pascoe, MS in CE, Fall 2016
2. Keisha Villanueva, MS in CE, Summer 2016
3. Edger Castro, MS in CE, Summer 2016
4. Tianjiao Li, MS in CE, Spring 2016
5. Hongzhang Chenji, MEng in CE, Winter 2016
6. Adriana Piemonti, PhD in CE, Fall 2015
7. Shangjia Dong, MS in CE, Fall 2015
8. Dejan Duditch, MS in CE, Fall 2015
9. Hamid Mahmoudabadi, PhD in CE, Summer 2015
10. Floraliza Bornasal, PhD in CE, Spring 2015
11. Allie Peters, MS in CE, Spring 2015
12. Amirali Saeedi, PhD in IE, Winter 2013
13. Raul Avelar, PhD in CE, Winter 2013
14. Lu Liu, MSCE, Winter 2013
15. Ian Roholt, MSCE, Winter 2013
16. Jianfei Zheng, MSCE, Fall 2012
17. Lacy Brown, MSCE, Summer 2012
18. Keith Williams, MSCE, Spring 2012
19. Megan Mecham, MSCE, Spring 2012

**David S. Hurwitz**

04/30/2017

20. Ioana Cosma, MSCE, Spring 2012
21. Meng Li, MSCE, Fall 2011
22. Yanfen Zhou, MSCE, Spring 2011
23. Mafruhatul Jannat, MSCE, Spring 2011
24. Fei Xie, MSCE, Winter 2011
25. Neil Kopper, MSCE, Spring 2010
26. Brett Cowgill, MEng, Spring 2011

**Graduate Committee Representative (GCR)**

*Completed*

1. Helen Garrett, PhD in Education, Fall 2016
2. Angelica Falkenstein, MAIS, Spring 2013

**Undergraduate Research Assistants (URA)**

*Current*

1. Travis Larsen, CE, Winter 2017
2. Logan Scott-Deeter, CE, Fall 2016, Winter 2017

*Completed*

1. Amber Meeks, CE, Winter 2015 – Spring 2016
2. Neha Valluri, EECS, Fall 2015, Winter 2016
3. Katie Mannion, CE, Summer 2014
4. Kamilah Buker, CE, Fall 2014 – Summer 2015
5. Amy Wyman, CE, Summer 2014, Winter 2015
6. Kayla Fleskes, CE, Summer 2014
7. Kyle England, CE, Winter 2012
8. Rachel Hanna, CE, Winter 2012
9. Isaac Talley, CE, Summer 2011- Spring 2012
10. Joshua Swake, CE, Summer 2011
11. Cole Fitzpatrick, CE, Spring 2011
12. Brennan Burbank, CE, Fall 2010 – Spring 2011
13. 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 ACHIEVEMENT**

- 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, 2017
- 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

**David S. Hurwitz**

04/30/2017

- 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 Engineering (ABG50), 2016
- Kamilah Buker, MS student, 1<sup>st</sup> Place, ORITE Section Bill Kloos Scholarship Award, 2016
- Masoud Ghodrat Abadi, PhD student, 3<sup>rd</sup> Place, Region X Student Poster Competition, 2015
- Makenzie Ellett, UHC 15, OSU 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**

*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**

- Shop and Maintenance Personnel
  - Hazard Communication, Feb 2017
  - Hazardous and Universal Waste, Feb 2017
  - Lab Hazard Awareness for Non-lab Personnel, Feb 2017
- Wave Lab General Safety Training, 2016
- Search Advocate, Oregon State University, 2016
- Optimizing our Philanthropic Opportunity for Faculty and Administrative Leaders, Advancement Resources Training, 2015 - 2018
- Collaborative Institutional Training Initiative (CITI)
  - Responsible Conduct of Research for Engineers, 2016
  - OSU CITI Conflicts of Interest Course, 2012, 2016
  - Group 1.Social / Behavioral Research Investigators and Key Personnel, 2009, 2016
- Engineer-in-Training, No. 20953, 2004

**TEACHING**

**Oregon State University**

*Credit Courses*

Number	Course Title	Term/Year	Credits	Enrollment
CE 595	Traffic Operations and Design	Fall 2009	3	11



**David S. Hurwitz**

04/30/2017

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

*Guest Lecturer*

- IE 507 Human Centered Design Seminar; Ops and Safety (50 min, 10 students), Winter 2017
- CE 101 Intro to Civil Engineering; Transportation Lecture (50 min, 150 students), Fall 2015
- HC 408: Faculty Panel (45 min, 20 students), Spring 2015
- IGERT in Aging Science Seminar (50 min, 10 students), Spring 2015
- CE 101 Intro to Civil Engineering; Transportation Lecture (50 min, 167 students), Fall 2013
- ENGR 211H Statics (Honors); Transportation Lecture & Sim Tour (50 min, 16 students), Fall 2013

*Non-Credit Courses and Workshops*

- **Instructor**, Human Factors in Roadway Design and Operations (taught 4 hrs of lecture), Kiewit Center for Infrastructure and Transportation, Dec 19-20, 2016
- **Instructor**, Traffic Engineering Fundamentals: Human Factors and Characteristics (co-taught 1 hr lecture), Kiewit Center for Infrastructure and Transportation, Dec 2011

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

- **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

**David S. Hurwitz**

04/30/2017

- **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**

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

*Proposals*

- Transportation Research Center for Livable Communities (TRCLC), Western Michigan University, 2015 [1]
- National Center for Transportation Systems Productivity and Management (NCTSPM), Georgia Tech, 2013 [2]
- National Institute for Transportation and Communities (NITC), Portland State University, 2012 [3], 2013 [1], 2014 [2], 2015 [4], 2016 [3]
- Mountain-Plains Consortium (MPC), North Dakota State University, 2012 [1], 2014 [1], 2015 [1]
- National Science Foundation (NSF), Review Panelist, 2012, 2017
- Qatar National Research Fund (QNRF)
  - National Priorities Research Program (NPRP), 2014 [2], 2015 [1], 2016 [1]
  - Undergraduate Research Experience Program (UREP), 2011[2], 2012 [1], 2013 [2], 2014 [2]
- Mid-American Transportation Center (MATC), University of Nebraska-Lincoln, 2011 [1], 2013 [2]
- UMass Transportation Center, University of Massachusetts Amherst, 2010 [1], 2011 [1], 2013 [1]
- Ohio Transportation Consortium (OTC), University of Akron, 2010 [1]
- University Transportation Research Center Region II (UTRC), The City College of New York, 2010 [1], 2015 [1], 2016 [2]

*Technical Reports*

- Idaho Department of Transportation, 2015 [1]
- Center for Accessibility and Safe Transportation for an Aging Population, Florida State University, 2015 [1], 2016 [1]

*Archival Journals*

- International Journal of Injury Control and Safety Promotion, 2017 – present [1]
- International Journal of Adolescent Medicine and Health, 2016 – present [1]
- Advances in Mechanical Engineering, 2016 – present [1]
- Journal of Traffic and Transportation Engineering, 2016 – present [1]

**David S. Hurwitz**

04/30/2017

- SoftwareX, 2016 – present [1]
- Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 2016 – present [2]
- Traffic Injury Prevention, 2016 – present [1]
- ITE Journal, 2016 – present [2]
- Safety Science, 2015 - present [2]
- Transportation Research Record Part C: Emerging Technologies, 2015 - present [1]
- Transportation Research Record Part F: Traffic Psychology and Behavior, 2015 - present [2]
- Journal of Engineering Education, 2014 - present [1]
- Human Factors: The Journal of the Human Factors and Ergonomics Society, 2014 - present [1]
- Journal of Advanced Transportation, 2014 - present [1]
- International Journal of Transportation, 2013 - present [1]
- Simulation Modeling Practice and Theory, 2013 - present [1]
- IEEE Transactions on Systems, Man, and Cybernetics Part A: Systems and Humans, 2012 - present [2]
- Engineering Management Journal, 2012 - present [1]
- Accident Analysis and Prevention, 2011 - present [7]
- Environmental Modeling & Software, 2011 - present [1]
- ASCE: Journal of Professional Issues in Engineering Education and Practice, 2011 - present [11]
- ASCE: Journal of Transportation Engineering, 2010 - present [13]
- Injury Prevention, 2010 - present [2]
- Journal of Transportation Safety & Security, 2009 - present [7]

*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*

- International Cycling Safety Conference (ICSC), 2017 [5]
- ASEE PNW Section Annual Conference, 2017 [10]
- Human Factors and Ergonomics Society (HFES) Annual Meeting, 2014 [3]
- ASEE Annual Conference & Exposition, 2012 [2], 2013 [2]

**David S. Hurwitz**

04/30/2017

- International Conference of Road Safety and Simulation, 2011 [2], 2015 [1]
- International Driving Symposium on Human Factors in Driver Assessment, Training and Vehicle Design, 2011 [3], 2013 [1], 2015 [2]
- Transportation Research Board Annual Meeting
  - Traffic Signal Systems (AHB25), 2012 - Present [7]
  - Simulation and Measurement of Vehicle and Operator Performance (AND30), 2011 - Present [6]
  - Vehicle User Characteristics (AND10), 2011 - Present [4]
  - Traffic Flow Theory & Characteristics (AHB45), 2011 - Present [1]
  - Safety Data, Analysis, and Evaluation (ANB20), 2010 - Present [6]
  - Traffic Control Device Committee (AHB50), 2009 - Present [21]

**Conference and Session Leadership**

*Conferences Organized*

- **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
- **Chair**, Conference Organizing Committee, Transportation Engineering Educator's Conference in *Seattle, Washington*, July 2012

*Sessions Organized and Moderated*

- **Moderator**, Poster Session 400: Simulation and Measurement of Vehicle and Operator Behavior, Transportation Research Board 96<sup>th</sup> Annual Meeting in *Washington, D.C.*, January 2017
- **Co-Moderator**, Infrastructure and Bicycles, 10<sup>th</sup> University Transportation Center Spotlight Conference: Pedestrian and Bicycle Safety in *Washington, D.C.*, December 2016
- **Moderator**, Innovations in ROW Design, Northwest Transportation Conference in *Corvallis, OR*, March 2016
- **Moderator**, AND30 Poster Session, Transportation Research Board 95<sup>th</sup> Annual Meeting in *Washington, D.C.*, January 2016
- **Organizer and Moderator**, Hybrid Poster Session (31 participants) PacTrans 2015 Region 10 Transportation Conference in *Seattle, Washington*, October 2015
- **Moderator**, Spotlight Session V: Traffic Operations and Safety (5 speakers), 15<sup>th</sup> COTA International Conference of Transportation Professionals (CICTP 2015) in *Beijing, China*, July 2015
- **Moderator**, Safe User Breakout Session (5 speakers), PacTrans 2015 Safety Workshop in *Seattle, Washington*, May 2015
- **Organizer and Moderator**, Hybrid Poster Session (28 participants), PacTrans 2014 Region 10 Transportation Conference in *Seattle, Washington*, October 2014
- **Organizer**, Frontiers in Human Factors Research, 3<sup>rd</sup> Annual Oregon Transportation Summit in *Portland, Oregon*, Sept 2011

**David S. Hurwitz**

04/30/2017

- **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 – 2015; 2015 - 2016; 2016 - 2017
  - **Member**, 2010 - Present
- Institute of Transportation Engineers (ITE)
  - International
    - **Vice Chair**, Education Council, 2017 - Present
    - **Executive Committee Member**, Education Council, 2010 - Present
    - **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
  - **Member**, 2004 - Present
- American Society of Civil Engineers (ASCE)
  - International
    - **Chair**, Committee on Faculty Development (CFD), 2016 - 2017
    - **Secretary**, CFD, 2015 - 2016
    - **Member**, CFD, 2014 - 2015
  - **Member**, 2007 - Present
- American Society of Engineering Education (ASEE)
  - Section
    - **Vice Chair**, PNW ASEE, 2017 - 2018
    - **Secretary**, PNW ASEE, 2013 - 2017
  - **Member**, 2010 - Present
- Oregon Young Employee Safety
  - **Member**, 2013-2014

**Oregon State University Service**

*CCE Standing Committees*

- **Chair**, Emergency Instructor Search Committee, 2016-2017
- **Member**, Strategic Committee, 2015 - 2016
- **Member**, Graduate Committee, 2011 - 2012, 2012 - 2013, 2014 - 2015

**David S. Hurwitz**

04/30/2017

- Chair, Sub-Committee on Funding, Fellowships, and UGLBG, Chair, 2012 - 2013
- **Member**, Curriculum Committee, 2009-2010, 2010 - 2011

*CCE Ad-Hoc Committees*

- **Judge**, Graduate Research Showcase, 2017
- **Member**, Head Academic Advisor Search Committee, 2016-2017
- **Chair**, Geomatics Faculty Search Committee, 2016-2017
- **Member**, Peer Teaching Evaluation Committee, 2014 – 2015, 2015-2016, 2016-2017
  - Peer Teaching Evaluations Conducted, 2015 [1], 2016 [3], 2017 [1]
- **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

*COE Ad-Hoc Committees*

- **Member**, MIME Marking Strategist Search Committee, 2016-2017
- **Judge**, Graduate Student Expo, 2015
- **Member**, COE AD Marketing Communications Search Committee, 2015

*COE Other Activities*

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

*University Honors College*

- **Judge**, UHC Thesis Fair, May 2014, May 2015, May 2016

**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