

CURRICULUM VITA: Hisham Jashami, Ph.D., RSP1

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EDUCATION

Oregon State University , Corvallis, OR PhD in Transportation Engineering PhD Minor in Statistics	2020
Oregon State University , Corvallis, OR MEng in Active Transportation	2017
University of Gaziantep , Gaziantep, Turkey M.Sc. in Civil Engineering	2012
University of Mustansiriyah , Baghdad, Iraq B.S. in Civil Engineering	2006

RESEARCH EXPERIENCE

Research Assistant Professor, Oregon State University, OR, USA (2022-Present)

Research Associate, Michigan State University, MI, USA (2020–2022)

- Incorporating Impacts of Driver Distraction into Highway Design and Traffic Engineering, *Federal Highway Administration (FHWA) SHRP2 NDS Pooled Fund Study*.
- Update of the Policy on Geometric Design of Highways and Streets Guidance on Acceleration/Deceleration and Stopping Sight Distance Criteria. *National Cooperative Highway Research Program (NCHRP 15-75)*.
- Corridor and Systemwide Application of Performance Based Practical Design. *Michigan Department of Transportation (MDOT) 47873*.
- Developing a Consistent Data Driven Methodology to Multimodal, Performance Based and Context Sensitive Design. *Michigan Department of Transportation (MDOT) 2746*.
- Evaluating the Impacts of the 2017 Legislative Mandated Speed Limit Increases. *Michigan Department of Transportation (MDOT) 2746*.
- Ford Safety Insights: Development of Enhanced Functionality and Preparation for Large-Scale Deployment. *Ford Automotive Company– Michigan State University Alliance*.
- Temporary Traffic Control Devices at Driveways within a One-Lane, Two-Way Section. *Institute for Transportation at Iowa State University*.

- Research Experiences for Undergraduates (REU). Sociomobility and connected/autonomous vehicles. *National Science Foundation (NSF)*.
- Towards best-practice Flex Routes: US-23 Performance, Safety, and Perception Assessment. *Michigan Department of Transportation (MDOT) 2572, 2020-2021*.

Graduate Research Assistant, Oregon State University (2015–2020)

- Bicycle Detection and Feedback Assessment. Oregon Department of Transportation (ODOT) SPR 825, 2019–2020
- Developing Design Guidelines for Commercial Vehicle Envelopes on Urban Streets. Pacific Northwest Transportation Consortium (PacTrans), the USDOT Region 10 University Transportation Center, 2018–2020
- Quantifying the Performance of Transverse Rumble Strips. ODOT SPR 829A, 2018
- Evaluation of Bicyclist’s Behavior in Mixed Mode Conflicts. un-funded, 2018
- Bicycling Simulator Calibration: Speed and Steering Latency, PacTrans, 2018
- Quantifying the Performance of Low-Noise Rumble Strips. ODOT SPR 800, 2018–2019
- Improved Safety and Efficiency of Protected/Permitted Right Turns in Oregon. ODOT SPR 789, 2016–2018
- Educating Teenage Drivers in the Pacific Northwest Regarding the Dangers of Distracted Driving (Phase II). PacTrans, 2015–2017
- Smart Red Clearance Extensions to Reduce Red Light Running Crashes, ODOT SPR 773, 2015–2016

Graduate Research Assistant, University of Gaziantep (2010–2012)

- Ultra-Thin Engineered Cementitious Composites Overlay Systems for Rehabilitation of Rigid Concrete Pavements (MAG - 108M495 and MF.10.09)

Undergraduate Research Assistant, University of Mustansiriyah (2005–2006)

- Bond between concrete and reinforcement for beams

PROFESSIONAL EXPERIENCE

Research Assistant Professor, Oregon State University, OR, USA	2022-Present
Research Associate, Michigan State University, MI, USA	2020–2022
Graduate Research Assistant, Oregon State University Driving, Bicycling, and Heavy Vehicle Simulator Laboratory, OR, USA	2015–2020

Project Manager , garage project at Detay Yapi Co., Turkey	2013–2014
Task Manager , shopping mall and compound construction at Detay Yapi Co., Turkey	2012–2013
Graduate Research Assistant , Gaziantep University, Turkey	2010–2012
Project Manager , road construction, sewage network, and building construction at Thifaf Al-Nahreen Co., Iraq	2008–2010
Project Manager , concrete and asphalt pavement construction, and sewage network at Al-Tarkeeb Al-Handasi CO., Iraq	2007–2008
Field-Civil Engineer , asphalt pavement construction at Al-Tarkeeb Al-Handasi CO., Iraq	2006–2007
Undergraduate Research Assistant , University of Mustansiriyah, Iraq	2005–2006

TEACHING EXPERIENCE

Lecturer, Michigan State University (2020-2021)

- CE 495 Senior Design in Civil and Environmental Engineering, 4 credits, undergraduate, 68 students, Spring Semester 2021
 - A complete course
- CE 495 Senior Design in Civil and Environmental Engineering, 4 credits, undergraduate, 45 students, Fall Semester 2020
 - A complete course

Guest Lecturer, California State University, Sacramento (2020)

- ENGR 203-01 Engineering Statistics, 3 credits, undergraduate, 14 students, 1-hour lecture, Fall 2020

Guest Lecturer, California State University, Sacramento (2020)

- CE 148 Transportation Systems, 4 credits, undergraduate, 20 students, 1-hour lecture, Summer 2020

Guest Lecturer, Oregon State University (2018–2019)

- CE 392 Introduction to Highway Engineering, 4 credits, undergraduate required, 20 students, 50 min lectures, Spring 2019

- Lecture 1 – Introduction to Rigid and Flexible Pavement
- Lecture 2 – Flexible pavement design
- CE 552 Isolated Signalized Intersections, 3 credits, graduate elective, 6 students, 50 min lecture and 110 min lecture, Winter 2019
 - Lecture 1 – Review the course Materials
 - Lecture 2 – Final Exam
 - Score 5.8 out of 6.00
- CE 595 Traffic Operations and Design, 3 credits, graduate required, 10 students, 50 min lecture, Fall 2018
 - Lecture – Protected/Permitted Right Turn Operations
 - (Score 5.4 out of 6.00)
- MIME 101 Introduction to MIME, 3 credits, undergraduate required, 200 students, 50 min lecture, Fall 2018
 - Lecture – Leadership Involvement (ITE)
- CE 392 Introduction to Highway Engineering, 4 credits, undergraduate required, 16 students, 50 min lectures, Spring 2018
 - Lecture 1 – Introduction to Rigid and Flexible Pavement
 - Lecture 2 – Flexible Pavement Design
- CE 554 Driving Simulation, 3 credits, graduate elective, 10 students, 20 min, Winter 2018
 - Lecture – Eye Tracker Device and Mechanism
 - Score 5.5 out of 6.00

Lecturer, Oregon State University (Spring 2018)

- Arabic Course, 2 credits, 15 students, term course
 - A complete course

Lecturer, Oregon State University (Winter 2018)

- Arabic Course, 2 credits, 20 students, term course
 - A complete course

Lecturer, American Arabic University (2012–2013)

- Transportation and Highway Engineering, 6 credits, undergraduate required, 25 students, one-year course
 - A complete course

Graduate Teaching Assistant, University of Gaziantep (2011–2012)

- CE 444 - Properties of Fresh and Hardened Concrete, 4 credits, undergraduate required, 30 students, one-year course
 - Teaching Assistant

AWARDS & ACHIEVEMENTS

Best Paper from a younger member first author, Standing Committee on Traffic Control Devices (AHB50), Transportation Research Board	2022
Best Paper Award , Standing Committee on Highway Traffic Monitoring (ACP70), Transportation Research Board	2021
Travel Grant from Michigan State University office of Postdoctoral Affairs	2021
Best Paper from a younger member first author, Standing Committee on Traffic Control Devices (AHB50), Transportation Research Board	2020
Traffic Safety Scholar , Life Savers	2019
Best Innovation Idea (2nd Place) , TRB / ATSSA Traffic Control Devices Challenge at the Transportation Research Board (TRB) 98th Annual Meeting, Washington, D.C.	2019
Best Poster (3rd Place) , Pacific Transportation Consortium, PACTRANS, Region 10 – University of Alaska 16th Annual Student Conference, Fairbanks, AK	2018
Travel Grant from Oregon State University Department of Civil and Construction Engineering and PacTrans.	2018
Student Chapter of the Year: Oregon State ITE at the ITE Western District Annual Meeting in Keystone, CO	2018
Best Innovation Idea (2nd Place) , TRB / ATSSA Traffic Control Devices Challenge at the Transportation Research Board (TRB) 97th Annual Meeting, Washington, D.C.	2018
Scholarship , Integrating bicycle and pedestrian topics into planning and engineering courses, Portland State University, Portland, OR.	2017
Travel Grant from Oregon State University Department of Civil and Construction Engineering and PacTrans.	2017
Selected as one of the finalists to present at the Graduate Student Appreciation Week, Oregon State University, Corvallis, OR.	2017
Best Design (1st Place) , Safe Driving Public Service Announcement Competition	2017

Travel Grant from Oregon State University, Department of Civil and Construction Engineering.	2016
Best Poster (1st Place) , Pacific Northwest Transportation Consortium, PacTrans, USDOT Region 10, 14th Annual Student Conference, Seattle, WA	2016
Travel Grant from Oregon State University ITE student chapter, Department of Civil and Construction Engineering.	2015
PhD Scholarship , Ministry of Higher Education and Scientific Research, Iraq	2013
Best Project (1st Place) , Pavement and Sewage Network Project in Karbala City, Iraq	2010

REFEREED JOURNAL PUBLICATIONS

Bamney, A., Gupta, N., **Jashami, H.**, Megat Johari, M. U., & Savolainen, P. T. (in 1st review). Analyzing the Impacts of COVID-19 Related Travel Restrictions and Immunization Response on Travel Behavior. *Journal of transportation engineering, Part A: Systems*.

Bamney, A., Pantangi, S. S., **Jashami, H.**, & Savolainen, P. T. (in 1st review). How do the type and duration of distraction affect speed selection and crash risk? An evaluation using naturalistic driving data. *Accident analysis and Prevention*.

Chand, C., **Jashami, H.**, Koll, C., Hurwitz, D. S., & Wang, H. (in 1st review). Integrating Driving Simulator Experiment Data with Multi-Agent Vehicle Simulation to Quantify the Impact of Human Interaction with Autonomous Vehicles on Highway Performance. *IET Intelligent Transportation Systems*.

Mahmud, M. S., Bamney, A., Megat Johari, M. U., **Jashami, H.**, Gates, T. J., & Savolainen, P. T. (in 2nd review). Evaluating Driver Response to a Dynamic Speed Feedback Sign on Rural Highways Curves. *Transportation Research Record: Journal of the Transportation Research Board*.

Mahmud, M. S., Megat Johari, M. U., Bamney, A., **Jashami, H.**, Gates, T. J., & Savolainen, P. T. (in 2nd review). Driver Response to a Dynamic Speed Feedback Sign at Speed Transition Zones along Rural Highways. *Transportation Research Record: Journal of the Transportation Research Board*.

Gupta, N., Mahmud, M. S., **Jashami, H.**, Savolainen, P. T., & Gates, T. J., (accepted). Evaluating the Impacts of Freeway Speed Limit Increases on Various Speed Measures: Comparisons between Free-Flow and Aggregate Vehicle Speeds. *Transportation Research Record: Journal of the Transportation Research Board*.

Al-agele, H. A., Jashami, H., & Higgins, C. W. (2022). Evaluation of novel ultrasonic sensor actuated nozzle in center pivot irrigation systems. *Agricultural Water Management*, 262, 107436.

AL-agele, H. A., Jashami, H., Nackley, L., & Higgins, C. (2021). A Variable Rate Drip Irrigation Prototype for Precision Irrigation. *Agronomy*, 11(12), 2493.

Bamney, A., **Jashami, H.**, Pantangi, S., S., Ambabo, J., Megat Johari, M. U., Cai, Q., Gupta, N., & Savolainen, P. T. (2021). Examining Impacts of COVID-19 Related Stay-at-Home Orders through a Two-way Random Effects Model. *Transportation Research Record: Journal of the Transportation Research Board*.

Mahmud, M. S., Gupta, N., Safaei, B., **Jashami, H.**, Gates, T. J., Savolainen, P. T., & Kassens-Noor, E. (2021). Evaluating the Impacts of Speed Limit Increases on Rural Two-Lane Highways using Quantile Regression. *Transportation Research Record: Journal of the Transportation Research Board*, 03611981211019732.

Cobb, D. P., Jashami, H., & Hurwitz, D. S. (2021). Bicyclists' behavioral and physiological responses to varying roadway conditions and bicycle infrastructure. *Transportation Research Part F: Traffic Psychology and Behaviour*, 80, 172-188.

Horne, D., **Jashami, H.**, Monsere, C. M., Kothuri, S., & Hurwitz, D. S. (2021). Evaluating in-vehicle sound and vibration during incursions on sinusoidal rumble strips. *Transportation Research Record*, 2675(3), 154-166.

Jashami, H., Cobb, D., Hurwitz, D. S., McCormack, E., Goodchild, A., & Sheth, M. (2020). The Impact of Commercial Parking Utilization on Cyclist Behavior in Urban Environments. *Transportation Research Part F: Traffic Psychology and Behaviour*, 74, 67-80.

Horne, D., **Jashami, H.**, & Hurwitz, D. S. (2020). Evaluation of Low Noise Transverse Rumble Strips in Proximity to a Stop Controlled Intersection. *Transportation Engineering*, 100032.

Jashami, H., Hurwitz, D., Monsere, M., & Kothuri, S. (2020). Do Drivers Correctly Interpret the Solid Circular Green During Right-Turns at Signalized Intersections? *Advances in Transportation Studies, (SI 2), 143-156.*

Kothuri, S., Monsere, C., **Jashami, H.,** & Hurwitz, D. S. (2020). Online Survey of Driver Comprehension of the Flashing Yellow Arrow for Right-Turn Signal Indications. *Journal of Transportation Engineering, Part A: Systems, 146(7), 04020058.*

Horne, D., **Jashami, H.,** Hurwitz, D. S., Monsere, C. M., & Kothuri, S. (2019). Mitigating roadside noise pollution: A comparison between rounded and sinusoidal milled rumble strips. *Transportation Research Part D: Transport and Environment, 77, 37-49.*

Khudheyer, H., & **Jashami, H.** (2019). A new method combining discrete wavelet transform and neural network for high energy physics problem. *International journal of research in engineering and innovation (IJREI), 3(2), 79-81.*

Barlow, Z., **Jashami, H.,** Sova, A., Hurwitz, D. S., & Olsen, M. J. (2019). Policy processes and recommendations for Unmanned Aerial System operations near roadways based on visual attention of drivers. *Transportation Research Part C: Emerging Technologies, 108, 207-222.*

Jashami, H., Hurwitz, D. S., 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, 2673 (8), 397-407.*

Khudheyer, H., & **Jashami, H.** (2019). Support vector machine based on power of signal for solving high-energy physics problem. *International journal of research in engineering and innovation (IJREI), 3(1), 57-60.*

Abadi, M. G., **Jashami, H.,** McCrea, S. A., & Hurwitz, D. S. (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, (2624), 48-57.*

Jashami, H., Yucel, H. E., Sahmaran, M., Guler, M., & Yaman, I. O. (2013). Thin ECC overlay systems for rehabilitation of rigid concrete pavements. *Magazine of Concrete Research, 65(2), 108-120.*

Jashami, H., Sinkus, I., Cobb, D., & Hurwitz, D. (in 1st review). An Investigation of Cyclist Galvanic Skin Response and Visual Attention in Commercial Vehicle Loading Zones. *Road Safety & Simulation International Conference, Athens, Greece 2022*.

Megat Johari, M. U., Gupta, N., Megat Johari, N., **Jashami, H.**, Savolainen, P. (in 1st review). Examining Impacts of Speed Limit Increases on Travel Speeds and Carryover Effects on Crash Frequency and Severity. *Road Safety & Simulation International Conference, Athens, Greece 2021*.

Mahmud, M. S., Bamney, A., Megat Johari, M. U., **Jashami, H.**, Gates, T. J., & Savolainen, P. T. (2022). Evaluating Driver Response to a Dynamic Speed Feedback Sign on Rural Highways Curves. *The Transportation Research Board (TRB) 101st Annual Meeting, Washington D.C., U.S. (TRBAM-22-03589)*.

Mahmud, M. S., Megat Johari, M. U., Bamney, A., **Jashami, H.**, Gates, T. J., & Savolainen, P. T. (2022). Driver Response to a Dynamic Speed Feedback Sign at Speed Transition Zones along Rural Highways. *The Transportation Research Board (TRB) 101st Annual Meeting, Washington D.C., U.S. (TRBAM-22-02071)*.

Gupta, N., Mahmud, M. S., **Jashami, H.**, Savolainen, P. T., & Gates, T. J., (2022). Evaluating the Impacts of Freeway Speed Limit Increases on Various Speed Measures: Comparisons between Free-Flow and Aggregate Vehicle Speeds. *The Transportation Research Board (TRB) 101st Annual Meeting, Washington D.C., U.S. (TRBAM-22-01026)*.

Bamney, A., Pantangi, S. S., **Jashami, H.**, & Savolainen, P. T. (2022). How do the type and duration of distraction affect speed selection and crash risk? An evaluation using naturalistic driving data. *The Transportation Research Board (TRB) 101st Annual Meeting, Washington D.C., U.S. (TRBAM-22-01128)*.

Cobb, D., Monsere, C., Hurwitz, D. S., Kothuri, S., & **Jashami, H.** (2022). User Comprehension of Bicycle Signal Countdown Timers. *The Transportation Research Board (TRB) 101st Annual Meeting, Washington D.C., U.S. (TRBAM-22-00335)*.

Bamney, A., **Jashami, H.**, Pantangi, S., S., Ambabo, J., Megat Johari, M. U., Cai, Q., Gupta, N., & Savolainen, P. T. (2021). Examining Impacts of COVID-19 Related Stay-at-Home Orders through a Two-way Random Effects Model. *The Transportation Research Board (TRB) 100th Annual Meeting, Washington D.C., U.S. (TRBAM-21-02358)*.

Mahmud, M. S., Gupta, N., Safaei, B., **Jashami, H.**, Gates, T. J., Savolainen, P. T., & Kassens-Noor, E. (2021). Evaluating the Impacts of Speed Limit Increases on Rural Two-Lane Highways using Quantile Regression. *The Transportation Research Board (TRB) 100th Annual Meeting, Washington D.C., U.S. (TRBAM-21-02356)*.

Jashami, H., Hurwitz, D., Monsere, M., & Kothuri, S. (2019). Do Drivers Correctly Interpret the Solid Circular Green During Right-Turns at Signalized Intersections? *Road Safety & Simulation International Conference, Iowa City, Iowa, U.S. 2019*.

Jashami, H., Hurwitz, D. S., Monsere, C., & Kothuri, S. (2019). Evaluation of Driver Comprehension and Visual Attention of the Flashing Yellow Arrow Display for Permissive Right-Turns. *The Transportation Research Board (TRB) 98th Annual Meeting, Washington D.C., U.S.*

Jashami, H., Abadi, M., & Hurwitz, D. S. (2017). Factors Contributing to Self-Reported Cell Phone Usage by Younger Drivers in the Pacific Northwest. *The 9th International Driving Symposium on Human Factors in Driver Assessment, Training and Vehicle Design, Manchester, VT, U.S.*

Abadi, M. G., **Jashami, H.**, McCrea, S. A., & Hurwitz, D. S. (2017). Evaluation of Right-of-Way Transitions at Signalized Intersections: Implications of Driver Behavior for Conflicting Through Movements. *The Transportation Research Board (TRB) 96th Annual Meeting, Washington D.C., U.S.*

Jashami, H., Hurwitz, D. S., Abdel-Rahim, A., Bham, G. H., & Boyle, L. N. (2017). Educating Young Drivers in the Pacific Northwest on Driver Distraction (No. 17-02233). *The Transportation Research Board (TRB) 96th Annual Meeting, Washington D.C., U.S.*

REFEREED CONFERENCE PUBLICATIONS - EXTENDED ABSTRACTS

Abtan A., **Jashami, H.**, Savolainen, S., Aylor, D., Joshi, N. (2022) Examination of vehicle performance under autonomous emergency braking test protocols. ASCE, International Conference on Transportation & Development, Seattle, WA, May 31-June 3, 2022.

Meghna C., **Jashami, H.**, & Gates, T. J., (2022) Investigating crash injury severity at work zones while considering temporal instability. ASCE, International Conference on Transportation & Development, Seattle, WA, May 31-June 3, 2022.

Gupta, N., Mahmud, M. S., **Jashami, H.**, Savolainen, P. T., & Gates, T. J., (2022). Evaluating the Impacts of Freeway Speed Limit Increases on Various Speed Measures: Comparisons between Free-Flow and Aggregate Vehicle Speeds. ASCE, International Conference on Transportation & Development, Seattle, WA, May 31-June 3, 2022.

Bamney, A., Pantangi, S. S., **Jashami, H.**, & Savolainen, P. T. (2022). How do the type and duration of distraction affect speed selection and crash risk? An evaluation using naturalistic driving data. ASCE, International Conference on Transportation & Development, Seattle, WA, May 31-June 3, 2022.

Jashami, H., Hurwitz, D., Monsere, M., & Kothuri, S. (2020). Can We Improve Driver's Interpretation Signal Displays for an Exclusive Right-turn Bay? *Northwest Transportation Conference (NWTC) Oregon State University, Corvallis, OR., U.S.*

Horne, D., **Jashami, H.**, Hurwitz, D., Monsere, M., & Kothuri, S. (2019). Quantifying the Performance of Low-Noise Rumble Strips. ASCE, *International Conference on Transportation and Development, Alexandria, VA., U.S.*

Jashami, H., Hurwitz, D., Monsere, M., & Kothuri, S. (2019). Do Drivers Correctly Interpret Signal Displays for an Exclusive Right-turn Bay? *PacTrans 17th | CSET Region 10 Transportation Conference, Seattle, WA, U.S.*

Abadi, M.G., Fleskes, K., **Jashami, H.**, and Hurwitz, D. (2018). Bicyclist's Perceived Level of Comfort Level Traveling Near Urban Truck Loading Zones. *The Transportation Research Board (TRB) 97th Annual Meeting, Washington D.C., U.S.*

Jashami, H., & Hurwitz, D. (2017). Prediction of Self-Reported Crash Involvement Among Young Drivers in The Pacific Norwest. *PacTrans 15th | CSET Region 10 Transportation Conference, Seattle, WA, U.S.*

TECHNICAL REPORTS

Kassens-Noor, E., Savolainen, P. T., Gates, T. G., **Jashami H.**, Cai, M., Cai, Q., Megat Johari, M. U., Decaminada, T., Herin, G. (2021). US-23 Performance, Safety, and Perception Assessment. *Michigan Department of Transportation (MDOT).*

Gupta, N., **Jashami H.**, Savolainen, P. T., Abouali, M., Barrette, T., Coplai, C., & Powell, W. (2021) Connected Vehicle Data Validation: How Do Connected Vehicle Events Relate to Collision Trends? *Michigan State University & Safety Insights Ford Mobility.*

Monsere, C., Kothuri, S., Hurwitz, D., Cobb, D., & **Jashami, H.** (2021). Assessment of Bicycle Detection Confirmation and Countdown Devices (No. FHWA-OR-RD-21-18).

McCormack, E., Goodchild, A., Sheth, M., Hurwitz, D. S., **Jashami, H.**, & Cobb, D. (2020). Developing Design Guidelines for Commercial Vehicle Envelopes on Urban Streets. *Pacific Northwest Transportation Consortium (PacTrans), the USDOT Region 10 University Transportation Center, Seattle, WA.*

Wang, H., Hurwitz, D., Chand, C., Jashami, H., & Koll, C. (2020). Integrating Driving Simulator Experiment Data with a Multi-Agent Connected Automated Vehicles Simulation (MA-CAVs) Platform to Quantify Improved Capacity. *Pacific Northwest Transportation Consortium (PacTrans). USDOT University Transportation Center for Federal Region 10, Seattle, WA.*

Hurwitz, D., Horne, D., & **Jashami, H.** (2019). Transverse Rumble Strip Study. *Oregon Department of Transportation (ODOT) SPR 829a, Salem, OR.*

Hurwitz, D., Horne, D., **Jashami, H.**, Monsere, M., & Kothuri, S. (2019). Quantifying the Performance of Low-Noise Rumble Strips. *Oregon Department of Transportation (ODOT) SPR 800, Salem, OR.*

Hurwitz, D., Horne, D., **Jashami, H.**, & Abadi, M.G. (2018). Bicycling Simulator Calibration: Speed and Steering Latency. *Pacific Northwest Transportation Consortium (PacTrans). USDOT University Transportation Center for Federal Region 10, Seattle, WA.*

Hurwitz, D., Monsere, C., Kothuri, S., **Jashami, H.**, Buker, K., and Kading, A. (2018). Improved Safety and Efficiency of Protected/Permitted Right Turns in Oregon. *Oregon Department of Transportation (ODOT) SPR 789, Salem, OR.*

INVITED SPEAKER

ITE International Student Leadership Summit (SLS), U.S. (Online)	Feb, 2021
Pacific Transportation Consortium, PacTrans Webinar, university of Washington, Seattle, WA, U.S. (Online)	Feb, 2021
Carrier Perspective and pathways in Transportation Engineering, Clean Water Science Network (CWSN) Program, U.S. (Online)	Dec, 2020

Moving Together Conference, University of Massachusetts Transportation Center, Amherst, MA, U.S. (Online) Nov, 2020

PacTrans 17th | CSET Region 10 Transportation Conference, Seattle, WA, U.S. Oct, 2019

The Puget Sound Chapter of The Human Factors and Ergonomics Society webinar, OSU, Corvallis, Oregon, U.S. Apr, 2018

ATSSA's 48th Annual Convention & Traffic Expo in San Antonio, Texas, U.S. Feb, 2018

PRESENTATIONS

The Transportation Research Board (TRB) 100th Annual Meeting, Washington D.C., U.S. Jan, 2021

The 69th Arizona Conference on Roads and Streets, Tucson, Arizona, U.S. (American Council of Engineering Companies of Arizona). Sep, 2020

Northwest Transportation Conference (NWTC), Corvallis, Oregon, U.S. Mar, 2020

Road Safety and Simulation Conference, Iowa City, Iowa, U.S. Oct, 2019

The Transportation Research Board (TRB) 98th Annual Meeting, Washington D.C., U.S. Jan, 2019

PacTrans 16th Annual Student Conference, University of Alaska, Fairbanks, AK., US. Oct, 2018

The Transportation Research Board (TRB) 97th Annual Meeting, Washington D.C., U.S. Jan, 2018

PacTrans 15th Annual Student Conference, University of Washington, Seattle, WA, U.S. Oct, 2017

The 9th International Driving Symposium on Human Factors in Driver Assessment, Training and Vehicle Design, Manchester Village, Vermont, U.S. Jun, 2017

Graduate Students Appreciation Week Showcase, OSU, OR, U.S. May, 2017

College of Engineering Research Expo, OSU, OR, U.S. Feb, 2017

The Transportation Research Board (TRB) 96th Annual Meeting, Washington D.C., U.S. Jan, 2017

PacTrans 14th | CSET Region 10 Transportation Conference, Seattle, WA, U.S. Oct, 2016

PacTrans 14th Annual Student Conference, University of Washington, Seattle, WA, U.S. Oct, 2016

SERVICE AS A REVIEWER

Traffic Injury Prevention, Invited Reviewer

International Journal of Transportation Science and Technology, Invited Reviewer

Journal of Safety Research, Invited Reviewer

Transportation Research Record (TRR), Invited Reviewer

International Journal of Industrial Ergonomics (IJIE), Invited Reviewer

The Transportation Research Board (TRB), ACP55 Invited Reviewer:

- 101st Annual Meeting, Washington D.C., U.S., Jan. 2022
- 100th Annual Meeting, Washington D.C., U.S., Jan. 2021

The Transportation Research Board (TRB), ACS20 Invited Reviewer:

- 101st Annual Meeting, Washington D.C., U.S., Jan. 2022
- 100th Annual Meeting, Washington D.C., U.S., Jan. 2021

The Transportation Research Board (TRB), ACH50 Invited Reviewer:

- 100th Annual Meeting, Washington D.C., U.S., Jan. 2021

The Transportation Research Board (TRB), AND30 Invited Reviewer:

- 99th Annual Meeting, Washington D.C., U.S., Jan. 2020
- 98th Annual Meeting, Washington D.C., U.S., Jan. 2019
- 97th Annual Meeting, Washington D.C., U.S., Jan. 2018
- 96th Annual Meeting, Washington D.C., U.S., Jan. 2017
- 95th Annual Meeting, Washington D.C., U.S., Jan. 2016

Road Safety and Simulation Conference, Invited Reviewer:

- Athens, Greece, June 2022 (RSS2022)
- Iowa City, Iowa, USA Oct. 2019 (RSS2019)

WORKSHOP PARTICIPATION

Attendee	Human Vulnerability Workshop, Miami, FL. Three days.	Feb, 2020
Attendee	Advanced Laboratory Security and Safety Training, Albuquerque, NM. Four days.	Dec, 2019
Attendee	Introductory Laboratory Security and Safety Training, Atlanta, GA. Three days	Oct, 2019
Attendee	Transportation Engineering Education Workshop, Auburn, AL. Two days.	May, 2018
Attendee	Integrating bicycle and pedestrian topics into planning and engineering courses by Portland State University, Portland, OR. Two days.	Jul, 2017
Attendee	Acoustics, vibration, and signal analysis for sound and vibration applications courses by Sage Technologies, Seattle, WA. Three days.	Nov, 2017

CONFERENCE & SESSION LEADERSHIP

Member	PacTrans 16 th Annual Student Conference Organizing Committee, University of Alaska Fairbanks, Fairbanks, AK.	(1 day, approx. 65 attendees)	Oct, 2018
Organizer:	Student Leadership Summit (SLI), OSU.	(3 days, approx. 200 attendees)	Jan, 2018
Member:	Puget Sound Human Factors & Ergonomics Society Annual Symposium Organizing Committee, Seattle, WA.	(2 days, approx. 180 attendees)	Sep, 2017

PROFESSIONAL MEMBERSHIP AND LEADERSHIP

Institute of Transportation Engineers (ITE)

- **Professional Member**, 2020–Present
- OSU ITE Student Chapter
 - **Vice President**, 2018–2019
 - **Public Relations Coordinator**, 2017–2018
 - **Professional Liaison**, 2016–2017
- **Student Member**, 2015–2020

Human Factor and Ergonomic Society (HFES)

- **Professional Member**, 2020–Present
- OSU HFES Student Chapter
 - **Vice President**, OSU HFES Student Chapter 2018–2019
 - **Webmaster**, OSU HFES Student Chapter 2017–2018
- **Student Member**, 2017–2020

American Society of Civil Engineers (ASCE)

- **Professional Member**, 2020–Present
- **Student Member**, 2015–2020

OSU Iraqi Student Association Chapter (IQSA)

- **President**, 2018–2020

Serving as a Friend of Committee (Transportation Research Board) 2020-Present

- ACP55 Standing Committee on Traffic Control Devices
- ACH50 Standing Committee on Road User Measurement and Evaluation
- AED80 Standing Committee on Visualization in Transportation
- ACH10 Standing Committee on Pedestrians
- ACH20 Standing Committee on Bicycle Transportation
- ACH30 Standing Committee on Human Factors of Vehicles
- ACP25 Standing Committee on Traffic Signal Systems
- ACP70 Standing Committee on Highway Traffic Monitoring
- ACP80 Standing Committee on Traffic Simulation
- AED60 Standing Committee on Statistical Methods
- ACS20 Standing Committee on Safety Performance and Analysis

CERTIFICATES

Road Safety Professional 1: The Transportation Professional Certification Board (TPCB); Institute of Transportation Engineers, USA, Nov. 2021

Spatial Data Science: The New Frontier in Analytics, Dec. 2020

Human Vulnerability Workshop, Feb. 2020

Collaborative Institutional Training Initiative (CITI), Jan. 2020

Advanced Laboratory Security and Safety Training, Dec. 2019

Introductory Laboratory Security and Safety Training, Oct. 2019

The National Institutes of Health (NIH), Jan. 2018

SAGE Technologies Training, Nov. 2017

- Vibration and Acoustic Courses: Theory, Measurement and Applications
- Signal Analysis for Sound and Vibration Application

The Puget Sound Chapter of The Human Factors and Ergonomics Society, Sept. 2017

Integrating bicycle & ped topics into planning & engineering courses, Jun. 2017

Data Programing in R software from Oregon State University, Dec. 2016

Shop and Maintenance Personnel training, Apr. 2015

- Hazard Communication
- Hazardous and Universal Waste

Internet and Computing Core Certification (IC³), Feb. 2013

SKILLS

Statistical Software: Python, R, SAS, STATA, MATLAB, SPSS, GPower, NLOGIT, XLSTAT, JMP, Minitab

Software: AutoCAD, Civil3D, Blender, SketchUp, Microsoft package, ArcGIS

Simulator Software: RTI Platform, JavaScript

Micro-simulation Modeling: Synchro, Sim Traffic, HCS, ViSim

Proficiency of Varying Manuals: AASHTO Greenbook, HSM, HCM, NACTO Guides, MUTCD