



# OSU ITE ANNUAL REPORT 2017-2018

Oregon State University Institution of Transportation Engineers Student Chapter

---

---

Email: [osuitestudents@gmail.com](mailto:osuitestudents@gmail.com)  
Website: [www.oregonstateite.com](http://www.oregonstateite.com)

101 Kearney Hall  
Corvallis, OR 97331



# TABLE OF CONTENTS

Introduction	3
Chapter Organization	4
Officers	4
Membership List	4
Officer Meetings	4
General Meetings	4
Chapter Activities	5
Student Leadership Summit	5
Communications	7
Technical Presentations	7
Field Trips	8
Promotion of Transportation Engineering	9
Public Service Activities	11
Social Activities with Transportation Engineers	12
Conferences	13
Chapter Liason with ITE	15
Active Involvement with ITE	15
Attendance at Meetings	16
Student Papers Presented	17
Published Student Articles	19
OSU ITE Membership List	23

# INTRODUCTION

Oregon State University Institute of Transportation Engineers Student Chapter (OSU ITE) had a phenomenal year in 2017-2018. We are extremely thrilled to share some of the accomplishments of our student chapter and our members in this Annual Report.

This past year, OSU ITE took on the exciting challenge of hosting the 5<sup>th</sup> Annual ITE Western District Student Leadership Summit (SLS), the largest SLS in the country. With less than eight months to prepare and host the SLS outside of California for the first time, we grew SLS to include over 125 students from 25 different universities, in an event that spanned three days. We brought together ITE professionals from around the country, across all levels of ITE leadership, and from multiple sectors of transportation engineering. We engaged students in thought-provoking panel discussions, showed them new projects and ideas in technical presentations, and brought together students from different student chapters with a group project geared towards leadership.

In addition to planning and executing one of the most successful Student Leadership Summits to-date, we continued to hold many of the events our student chapter is known for. We conducted regular officer meetings and general meetings throughout the academic year, invited multiple companies to campus to talk about recent projects and upcoming opportunities, and continued to care for a stretch of highway outside of Corvallis as a part of the adopt-a-highway program.

Our chapter also attended numerous conferences. Chapter members attended: the ITE Western District Annual Meeting, the Transportation Research Board Annual Meeting (TRB), the American Traffic Safety Services Association (ATSSA) Conference in San Antonio, the PacTrans Annual Meeting, and more. At many of these conferences, students were participating in intense competitions. Our students placed 2<sup>nd</sup> at the Western District Annual Meeting Traffic Bowl, falling short on the final question. Our team also placed 2<sup>nd</sup> nationally in the Traffic Control Device Challenge (TCD), competing at both TRB and ATSSA.

Finally, our officers focused a lot of effort on the small things that help make an organization great. We created a brand new website to reflect our growth as a chapter. For the first time this year, our student chapter was financially sponsored by the College of Engineering, in addition to the support we have received from the School of Civil and Construction Engineering. Our officers set up a new account to receive donations from private companies, an endeavor that will help the chapter become more financially stable. We also continued to grow our membership base, with our official membership now pushing 65.

We hope you enjoy reading about all of our accomplishments this past year and we want to thank ITE for its continued support of our OSU ITE Student Chapter.

# CHAPTER ORGANIZATION

## Officers

President – Kayla Fleskes

Vice President – Jason Anderson

Treasurer – Joseph Claveria

Secretary – Ellie Simpson

Events Coordinator – Amber Meeks

Webmaster – Hisham Jashami

Undergraduate Outreach Chair – Travis Larson

Undergraduate Outreach Chair – Gabi Dilullo

Professional Outreach Chair – Hameed Mohammed



OSU ITE Officers

## Membership List

Number of Student Chapter Members: **65**

Number of Student Members of the Institute: **12**

Number of Students eligible to be a Student Member of the Institute: **65**

Number of faculty members who are current ITE members: **1**

**Please see the attached list of all OSU ITE members for 2017-2018**

## Officer Meetings

During the course of the school year, OSU ITE held approximately 40 weekly officer meetings. These meetings were open to all members but were primarily attended by the elected officers and the appointed committee chairs. These meetings allowed our officers to plan events, discuss upcoming ITE events, and brainstorm new ideas to improve the OSU ITE student chapter.

## General Meetings

Each term, OSU ITE held at least one general meeting, with two being held this past fall and winter quarters for 5 general meetings total. These meetings allowed all of our members to discuss and plan upcoming ITE events, with food provided by the chapter.

# CHAPTER ACTIVITIES

During the past year, OSU ITE has continued to host many of the activities student members have come to expect from us, including technical presentations, volunteer activities, and social engagements. A notable addition is the Student Leadership Summit for the Western District, which OSU was excited to plan and host.

## Student Leadership Summit

The 5<sup>th</sup> annual Student Leadership Summit (SLS) was held in Corvallis, Oregon from January 19<sup>th</sup>-21<sup>st</sup>. The OSU ITE chapter started planning the event in April when we received notice that we had been awarded the opportunity to host. This was a huge undertaking. Many steps went into planning a successful event, and many of our members got the opportunity to improve their interpersonal and professional skills through planning and organizing SLS.

The 2018 SLS brought together over 125 students from 25 universities across the Western District (as well as the University of Massachusetts Amherst). Throughout the eight months of planning, OSU ITE received nearly \$20,000 in sponsorships, developed a conference program that consisted of distinguished speakers (e.g.: the ITE International VP, the former Washington State Secretary of Transportation, the Director of the Oregon Department of Transportation), and maintained a conference webpage that conveyed conference information to all attendees.

Unlike previous SLS conferences, the OSU ITE planning committee decided to take a different approach on the conference organization. We focused the 2018 SLS conference around the theme of leadership. We decided to actively engage students through mentoring sessions and a group project, while highlighting leadership qualities in keynote speeches and presentations. The group project provided an opportunity for student chapters to collaborate amongst each other and create ideas on how to enhance student chapter operations in four different categories: fundraising, community outreach, professional development, and student recruitment. Some of the posters created for this group project can be seen on the following page.



The 2018 SLS attendees

## Communications

### Website and Social Media

This year, OSU ITE developed and launched a brand new website to help provide information about our chapter activities and SLS. The website is located at [oregonstateite.com](http://oregonstateite.com), and includes our calendar, contact information, and a digital application for student membership. Along with maintaining our website, we have stayed very active on social media including Facebook, Instagram, and Twitter. This mechanism allows us to reach students who might not be on our email listservs, or who may have missed event information.



The OSU ITE website homepage  
[www.oregonstateite.com](http://www.oregonstateite.com)

### Newsletters and Email

In addition to maintaining a website and social media presence, the chapter also creates and disseminates a newsletter about chapter activities and announcements every quarter. We also maintain an active email listserv that consists of 165 members, all of whom are active students who have asked to stay updated on ITE events.

## Technical Presentations

The OSU ITE Chapter held five technical presentations during the last year. Three companies with local offices and a national reach were represented, as well as two nationally recognized academics.

### Traffic Technology Services (TTS)

Dr. Robi Islam, an Oregon State Alumna, returned to give a technical presentation on behalf of Traffic Technology Services (TTS). TTS is an innovative tech company that specializes in the data collection and dissemination required for connected or automated vehicle applications. Dr. Islam focused on TTS' flagship project, Personal Signal Assist and answered numerous student questions at the end of his presentation.



Dr. Islam talks to OSU students while they enjoy pizza

### Kittelson and Associates

Kittelson and Associates Inc. (KAI) visited the OSU campus this past fall to discuss some of their recent projects and to recruit for their internship program. KAI is headquartered in Portland, OR and

always brings a diverse set of projects to discuss with students. Recent OSU Alumni were on hand to answer questions from students.

### Dr. Pitu B. Mirchandani

Dr. Pitu B. Mirchandani is a professor at Arizona State University who specialized in supply chain networks. He discussed his research with OSU ITE students and his emphasis on sustainability at the Advanced Transportation and Logistics Algorithms and Systems (ATLAS) research center.



Dr. Walton presenting in front of OSU Students

### Dr. Michael Walton

Dr. Michael Walton is professor at the University of Texas Austin and he is a member of the National Academy of Engineering. When visiting campus this past spring, Dr. Walton discussed innovation in the delivery of transportation infrastructure and what that means for partnership opportunities in the future.

### Quincy Engineering

Quincy Engineering is a local civil engineering firm that specializes in transportation related projects, specifically seismic design and retrofit of bridges as well as highway and roadway design. Quincy discussed some recent projects, including the I-205 corridor widening and seismic retrofit.

### Field Trips

#### Salem Transportation Department and DKS Salem

10 students attended a tour in nearby Salem, OR. The tour included a look at the public sector, with a visit to the City of Salem, and the private sector, with a tour of the DKS office in Salem. After the office tours, our students went out to dinner with practicing engineers to get a chance to interact in a more social environment.



Students listen to DKS Salem employees during the office visit

## DKS Portland

After the Oregon Traffic Bowl competition, a few members of our Traffic Bowl team went on an office tour at the DKS office in Portland the following day, spending time with local engineers and learning about some of their current projects. Afterwards, everyone ate lunch together to socialize.

## Promotion of Transportation Engineering

The OSU chapter of ITE participates in a number of campus events to promote student clubs as well as working within the school of Civil and Construction Engineering to promote transportation engineering as a career path.

## College of Engineering Outreach

ITE officers attended the Cookies and Clubs event before classes started in the fall to encourage new and returning students to join ITE or participate in meetings and social gatherings. The event included many clubs from the College of Engineering, and provided free cookies to all attendees. ITE had a lot of interest, and the event resulted in the recruitment of several new members. A similar event, Cocoa and Clubs, was held in the winter. The winter event also included high school students who were visiting campus to learn about the opportunities in the College of Engineering at OSU.



ITE officers promoting ITE to new and returning engineering students

### Beaver Community Fair

The Beaver Community Fair was an event held at the beginning of the school year to help promote student clubs and opportunities for students to get more involved with the OSU campus. Our officers manned a booth for ITE and answered people's questions about how to get involved with our organization. This event helped us reach a broader spectrum of students at OSU.



ITE officers at the Beaver Community Fair

### Oregon State Traffic Bowl

For the second year in a row, OSU ITE hosted a University level traffic bowl competition. At the OSU Traffic Bowl, teams of 2-3 students signed up to compete for a grand prize of \$100. OSU ITE provided pizza and introduced the activity with a few announcements and explained the rules. Afterwards, two teams went head-to-head in a fierce competition to claim the prize. This fun social activity allowed our traffic bowl team members to get in a little extra practice before the OR ITE Traffic Bowl and helped introduce the concept of traffic bowl to some of our new members.



The Oregon State Traffic Bowl

### Engineering Student Council

At OSU, the Engineering Student Council (ESC) is the governing body for all sponsored clubs in the College of Engineering. This year, OSU ITE attended every ESC meeting to help create new partnerships with other student organizations and learn about changes in policy at the College level that would affect our organization.

### ASCE Joint Meetings

The student chapter of ASCE at OSU has an extremely strong presence in the School of Civil and Construction Engineering, with a large member base. During the school year, OSU ITE and ASCE partnered up for joint meetings to help expand OSU ITE's reach and to help publicize the benefits of joining OSU ITE to more undergraduate students.

## Public Service Activities

### Adopt-A-Highway

OSU ITE is proud to have had an adopted highway for four years. Our stretch of highway is located on Highway 34 in Oregon, in-between Corvallis and I-5. Our chapter performs a highway cleanup four times a year, once each term, to maintain our adoption status and our personalized sign. This volunteer activity fosters a sense of community involvement, and beautifies the roadway for all users. Rain or shine, ITE members will clean up roadside trash for several hours in the morning before enjoying lunch together.



OSU students and faculty after completing the spring highway cleanup

### PacTrans Outreach

This summer and fall, OSU ITE President Kayla Fleskes helped lead a transportation engineering outreach project for the Pacific Northwest Transportation Consortium. She created curriculum for a one hour presentation and activity geared towards teaching elementary and middle school students about transportation engineering and how engineers can improve safety. OSU ITE students helped implement this curriculum at local schools, reaching over 200 students between 4<sup>th</sup> and 8<sup>th</sup> grade. The young students seemed to really respond to this type of outreach, with one student even telling the OSU ITE instructor that they wanted to become a transportation engineer when they grew up!

### Bicycle and Pedestrian Advisory Board's in Corvallis and for the State of Oregon

OSU ITE students are also extremely involved in local transportation issues here in Corvallis and the State of Oregon. One example of this is through our presence on the Bicycle and Pedestrian

Advisory Board (BPAB). One of our OSU ITE students, Dylan Horne, became a member of the board this year and is now chair of the Corvallis BPAB. The BPAB advises the city on bicycle and pedestrian issues, recommends projects and designs public outreach opportunities.

OSU ITE member Cadell Chand is another example of OSU ITE member's involvement in the local community. Cadell serves on the Oregon Bicycle and Pedestrian Advisory Committee which advises the Governor's Office on policy decisions that affect bicycle and pedestrian issues in the state. Cadell



Cadell Chand

serves as the under 21 member of the seven person committee, and is the only one with an engineering background. He offers perspectives both as a student and as an engineer.

## Social Activities with Transportation Engineers

### Oregon Traffic Bowl

In addition to being an intense local traffic bowl competition, the Oregon Traffic Bowl is an opportunity for our students to mingle with local transportation engineers in a fun and social environment. The banquet dinner before the competition allows our students to network with professionals in a comfortable environment. This year, OSU ITE sent our traffic bowl team and other interested OSU ITE students who wanted to attend and cheer on our team.



OSU ITE Traffic Bowl Team posing with distinguished alum Randy McCourt



### Transportation Research Board Annual Meeting

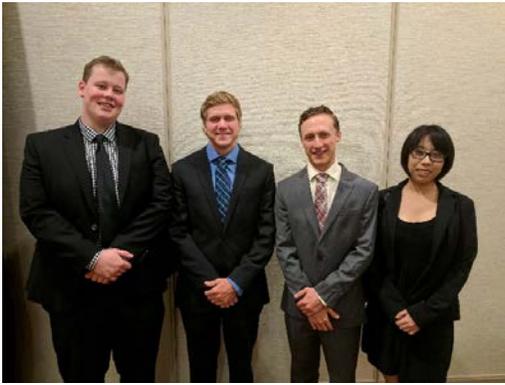
The 2018 TRB was a success for OSU ITE members. We had 17 students travel to Washington D.C. this year. Student received several awards, including 2<sup>nd</sup> place in the Traffic Control Device Competition (TCD), the 2017 HSIS Excellence in Highway Safety Data Award from ITE, the PacTrans student of the year award, and the PacTrans Michael Kyte award. OSU students utilized their time at TRB by attending the award ceremonies and receptions of their fellow members to meet and network with practicing engineers and academics.

### Western District Annual Meeting

OSU ITE sent four students to the 2017 Western District Annual Meeting in San Diego, California. These students networked with professionals and other ITE student chapters, attended technical presentations, volunteered for the Student Endowment Fund, and won 2<sup>nd</sup> place at the traffic bowl. They also promoted the Student Leadership Summit, and secured several contacts at local engineering firms who promised to volunteer or provide support for SLS.



The OSU Traffic Bowl Team



ITE Members at the AREMA President's Dinner

### AREMA President's Dinner

OSU ITE and AREMA student members were invited to attend the AREMA President's Dinner at the AREMA Annual Conference in Indianapolis Indiana. The students joined in a networking reception followed by a dinner with many prominent transportation and railroad engineers.

## Conferences

In addition to some of the conferences listed above, ITE members attended and presented at several other conferences, included below.

### ATSSA

In January, two of our members traveled to San Antonio, Texas to attend the ATSSA Conference. During the conference, they accepted their second place award in the TCD competition alongside the first and third place teams. While at the conference they attended a company fair and several interesting technical presentations. They also made sure to fit in some time for sight-seeing along San Antonio's famous river walk.



Hisham and Logan at the 2018 ATSSA Conference

### ASME Joint Rail Conference



The keynote speaker at the ASME Joint Rail Conference

A joint event between ITE and the OSU American Railway Engineering and Maintenance-of-Way Association (AREMA) sent 4 students to the ASME Joint Rail Conference in Philadelphia, Pennsylvania. At this event, students sat in technical presentations related to railroad and rail transportation research. The students also attended a dinner hosted by the conference. In the evening hours after the conference, the students took part in the local Philadelphia culture by attending a 76ers basketball game and visiting the Philadelphia Art Museum.

### Bridge: The Heritage of Connecting Places and Cultures Conference

ITE member Zachary Barlow travelled to Ironbridge, United Kingdom to present his research related to rural transportation development in the United States in the mid-20<sup>th</sup> century. This multidisciplinary conference attracted engineers, historians, and preservationists from around the world.



Zachary Barlow in Ironbridge



ITE members and OSU Faculty at PacTrans

### PacTrans

During the 2017

PacTrans Regional Transportation Conference at the University of Washington, the OSU ITE chapter sent 19 students. Most of the students presented their research, and all enjoyed listening to the technical presentations and keynote speaker. The following day, the ITE members attended the student conference which featured a poster competition and panel discussion. OSU student Masoud G. Abadi won the poster contest, with Dylan Horne taking 3<sup>rd</sup>.



Chen Chen with his advisor  
Dr. Haizhong Wang

### Bicycle Conference at UC Davis

ITE members Dylan Horne and Chen Chen traveled by train to the 6th International Cycling Safety Conference which was held in UC Davis, CA (also known as the "Bicycle Capital of the United States") from September 20th to 23rd. Oregon State Ph.D. student Chen Chen won the 2017 ICSC Best Poster Award.

# CHAPTER LIASON WITH ITE

## Active Involvement with ITE

### Get Acquainted Social for Student Endowment Fund

At the beginning of the ITE Western District Annual Meeting, our students joined Student Endowment Fund Chair, Kimberly Leung, and Western District President, Mark Spencer, at the Get Acquainted Social for a fundraiser for the Student Endowment Fund (SEF). We spent three hours encouraging professionals to try to shoot hockey pucks at a goal for the chance to have a shootout against Mark Spencer. This was a fun event to mingle with professionals and a way for our chapter to volunteer to support the SEF, which has provided our chapter with assistance over the years.

### Quad Conference



This coming May, Oregon ITE will be hosting the ITE Quad Conference in Portland, OR. Our student chapter has been working closely with OR ITE officers to work as volunteers for this conference. This allows our students the opportunity to network with ITE professionals across the Pacific

Northwest and Western Canada while also supporting our local ITE section and enhancing their ability to host such an outstanding event.

### Western District Newsletter

This past year, OSU ITE members wrote two different posts for the Western ITE newsletter and website. These posts helped promote the initiatives of the SEF and how they positively impacted our chapter.

Student Endowment Fund: July/August

Posted on July 10, 2017 by Student Endowment Fund

The July-August Endowment Fund spotlight was written by Joseph Claveria from Oregon State University. He is one of four recipients of the inaugural Regional Travel Scholarship, the District's newest Student Initiative supported by the Student Endowment Fund. The following are Joseph's thoughts on ITE and the [Student Endowment Fund](#):



Thank you, Western District ITE for supporting the Richard T. Ron Endowment Fund! Although I have only been an official ITE student for less than a year, this fund has facilitated opportunities that I did not have before starting my graduate program in transportation engineering. With the support of this fund, I would not have gained the same memorable and meaningful relationships in my brief time as an ITE student member. The entire ITE community, including the entirety of the Western District, has proven to me that being a part of ITE is one of the best decisions I have made as a student in transportation engineering. Here is my attempt at sharing the overwhelming support I have received from Oregon State University (OSU) Student Chapter and I have experienced from the Student Endowment Fund.

This year, the Student Endowment Fund (SEF) provided its inaugural Regional Travel Scholarship to assist with travel expenses for the Western District in San Diego, CA. Although I was the selected recipient from the Western District, I was able to attend the ITE Quad Conference in Portland, OR.

Screenshot of a post from the Western District Website

## Attendance at Meetings



The OSU Traffic Bowl team at Oregon Traffic Bowl

### Oregon ITE Traffic Bowl

Oregon ITE Traffic Bowl is an annual event that brings together students from across the Pacific Northwest to compete in a local traffic bowl competition. The event is sponsored by Oregon ITE and is always a fun social night between ITE professionals and our OSU ITE students. Much like the Western District Traffic Bowl, the competition is always intense.

### Western District Annual Meeting

Four of our officers and our OSU ITE advisor attended this year's Western District Annual Meeting in sunny San Diego. Attending the annual meeting allowed our officers to meet new people, some of whom are either presidents, directors, or founders of engineering firms and agencies, expand our transportation knowledge beyond the classroom, and witness the close bond between ITE members. Our officers also competed in the annual traffic bowl competition, coming in a close second behind Cal Poly ITE.



OSU Traffic Bowl team competing in the preliminary round

At this year's meeting, the Western District recognized student chapters and individuals with annual awards. We were honored to receive Honorable Mention for Outstanding Student Chapter of the Year.



ITE Officers receiving student chapter award

### Student Leadership Summit

One of the most impactful ways that our chapter was involved with ITE this past year was through hosting the Student Leadership Summit. We interacted with numerous leaders at the International, District and Section levels of ITE to help make this conference happen a success. We also had the amazing opportunity to connect with over 125 students from 25 different universities in the area. These student leaders will become ITE professionals that we will be working with for the rest of our careers.

### Student Papers Presented

As members of a world-renowned research institution, OSU ITE students were extremely active this past year in published and presenting papers. The list below is just some of the work completed by OSU ITE students.

AUTHOR(S)	TITLE	CONFERENCE
Jason Anderson, Salvador Hernandez, Josh Roll	Understanding Probably Reasons for Freeway Ramp and Shoulder Parking by Truck Drivers: An Emerging Safety Issue to Oregon Highway Users	Transportation Research Board Annual Meeting
Yi Wang, Christopher M. Monsere, Chen Chen, Haizhong Wang	Development of a Crash Risk Scoring Tool for Pedestrian and Bicycle Projects in Oregon	Transportation Research Board Annual Meeting

<b>Alireza Mostafizi,</b> Haizhong Wang, <b>Shangjia Dong,</b> Dan Cox	An Agent-Based Model of Vertical Tsunami Evacuation Behavior and Shelter Locations: A Multicriteria Decision-Making Problem	Transportation Research Board Annual Meeting
Erdem Coleri, Yuqi Zhang, <b>Blaine Matthew Wruck</b>	Mechanistic Empirical Simulations and Life-Cycle Cost Analysis to Determine the Cost and Performance Effectiveness of Asphalt Mixtures Containing Recycled Materials	Transportation Research Board Annual Meeting
<b>Dylan Horne, Masoud Ghodrat Abadi,</b> David S. Hurwitz	Bicycling Simulator Calibration: A Proposed Framework	Transportation Research Board Annual Meeting
<b>Masoud Ghodrat Abadi,</b> <b>Kayla Fleskes, Hisham Jashami,</b> David S. Hurwitz	Perceived Level of Comfort of Bicyclists Traveling Near Truck Loading Zones in an Urban Environment	Transportation Research Board Annual Meeting
Salvador Hernandez, Eric L. Jessup, <b>Jason C. Anderson, Eric North</b>	Uncovering Confounding Factors of Large-Truck Crashes and Safety Critical Events: An Exploratory Analysis of Northwest Truck Driver Survey	Transportation Research Forum Annual Conference
<b>Hisham Jashami,</b> <b>Zachary Barlow, Ellen Simpson, Logan Scott-Deeter</b>	In-Roadway Warning Lights for Wrong-Way Detection and Prevention (TCD Challenge)	Transportation Research Forum Annual Conference
<b>Masoud Ghodrat Abadi,</b> David S. Hurwitz, Patrick Marnell, S. Quayle	Evaluation of Red-Clearance Extension Systems: An Application of Hardware-in-the-Loop Simulation	Road Safety & Simulation International Conference
<b>Hisham Jashami,</b> <b>Masoud Ghodrat Abadi,</b> David S. Hurwitz	Factors Contributing to Self-Reported Cell Phone Usage by Younger Drivers in the Pacific Northwest	International Driving Symposium on Human Factors in Driver Assessment, Training and Vehicle Design

<b>Chen Chen, Jason</b>	How Does Bicycle Level of Traffic Stress	International
<b>Anderson, Haizhong</b>	Correlated with Reported Bicycle Crashes? A	Cycling Safety
<b>Wang, Rachel Vogt</b>	Geospatial and Mixed-Logit Analysis	Conference
<b>Chen Chen, Haizhong</b>	Bicycle Safety Performance Functions (SPFs) for	International
<b>Wang</b>	Pacific Northwest Cities in the U.S. by Using	Cycling Safety
	Crowdsourcing Data	Conference
<b>Dylan Horne, David S.</b>	Bicycle Simulator Calibration: A Proposed	International
<b>Hurwitz</b>	Framework	Cycling Safety
		Conference
<b>Zachary Barlow,</b>	The Impact of Bridge and Road Developments	BRIDGE: The
<b>Elizabeth Jamison, David S.</b>	on Rural Communities in the United States	Heritage of
<b>Hurwitz</b>		Connection
		Places and
		Cultures
<b>Hameed Mohammed,</b>	Evaluation of Distracted Pedestrian Behavior in	PacTrans Regional
<b>Masoud G. Abadi,</b>	Midblock Crosswalks	Transportation
<b>Hisham Jashami, Julia</b>		Conference
<b>Kautz, David S. Hurwitz</b>		
<b>Ellen Simpson, David</b>	Streamlining the Crash Reporting Process in the	PacTrans Regional
<b>Hurwitz, Shane</b>	Pacific Northwest	Transportation
<b>Warmbrodt, Kevin Chang</b>		Conference
<b>Bold</b> indicates OSU ITE student (former students were included when the research being presented was completed while an OSU ITE student)		

## Published Student Articles

<b>AUTHOR(S)</b>	<b>TITLE</b>	<b>JOURNAL</b>
<b>Nabeel Al-Bdairi,</b>	Contributing Factors to Run-Off-Road Crashes	Journal of
<b>Hernandez, S., Jason</b>	Involving Large Trucks Under Lighted and Dark	Transportation
<b>Andeson</b>	Conditions	Engineering, Part
		A: Systems

<b>Jason C. Anderson,</b> Salvador Hernandez, Eric L. Jessup, <b>Eric North</b>	Percieved safe and adequate truck parking: A random parameters and mixed-logit analysis of truck driver opinions in the Pacific Northwest	International Journal of Transportation Science and Technology
Jose Osiris Vidiana- Bencomo, Esmaeil Balal, <b>Jason C. Anderson,</b> Salvador Hernandez	Modeling route choice criteria from home to major streets: A discrete choice approach	International Journal of Transportation Science and Technology
<b>Chen Chen, Jason C. Anderson,</b> Haizhong Wang, Yinhai Wang, <b>Rachel Vogt,</b> Salvador Hernandez	How Level of Traffic Stress Correlate With Reported Cyclist Accidents Injury Severities: A Geospatial and Mixed Logit Analysis	Accident Analysis and Prevention
<b>Jason C. Anderson,</b> <b>Shangjia Dong</b>	Heavy-Vehicle Injury Severity Analysis by Time of Week: Mixed Logit Approach Using HSIS Crash Data	ITE Journal
<b>Jason C. Anderson,</b> Salvador Hernandez	Roadway Classifications and the Accident Injury Severity of Heavy-Vehicle Drivers	Analytic Methods in Accident Research
<b>Jason C. Anderson,</b> Salvador Hernandez	Heavy Vehicle Crash Rate Analysis: A Comparison of Heterogeneity Methods Using Idaho Crash Data	Transportation Research Record: Journal of the Transportation Research Board
Haizhong Wang, Matthew Palm, <b>Chen Chen, Rachel Vogt,</b> YiYi Wang	Does bicycle network level of traffic stress (LTS) explain bicycle travel behavior? Mixed results from an Oregon case study	Journal of Transport Geography
<b>Hameed A. Mohammed,</b> David S. Hurwitz, Edward Smaglik	Variable Driver Responses to Yellow Indications; An Operational Challenge and Safety Concerns	ITE Journal

<b>Masoud Ghodrat Abadi,</b> David S. Hurwitz, Patrick Marnell, S. Quayle	Evaluation of Red Light Extension Systems with Hardware-in-the-loop Simulation	Transportation Letters
<b>Masoud Ghodrat Abadi,</b> David S. Hurwitz, Shane Brown	Influence of Context on Item-Specific Self- Efficacy and Competence of Engineering Students	International Journal of Engineering Education
<b>Kesha Villanueva,</b> Shane Brown, N. Pitterson, David S. Hurwitz, A. Sitomer	Teaching Evaluation Practices in Engineering Programs: Current Approaches and Usefulness	International Journal of Engineering Education
Mohammed Islam, <b>Amy</b> <b>Wyman,</b> David S. Hurwitz	Improved Driver Response to Phase Termination with Green Signal Countdown Timers	Transportation Research Part F: Traffic Psychology and Behaviour
<b>Masoud Ghodrat Abadi,</b> <b>Hisham Jashami, Sarah</b> <b>Anne McCrea,</b> David S. Hurwitz	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
<b>Jennifer Warner,</b> David S. Hurwitz, Chris Monsere, <b>Kayla Fleskes</b>	A Simulator-Based Analysis of Engineering Treatments for Right-Hook Bicycle Crashes at Signalized Intersection	Accident Analysis and Prevention
<b>Aiman Mahmoud,</b> Erdem Coleri, James Batti, <b>David</b> <b>Covey</b>	Development of a Field Torque Test to Evaluate In-Situ Tack Coat Performance	Journal of Construction and Building Materials
<b>Aiman Mahmoud,</b> Erdem Coleri, James Batti, <b>David</b> <b>Covey</b>	Development of a Wireless Field Tack Coat Tester to Evaluate In-Situ Tack Coat Performance	Journal of Road Materials and Pavement Design
<b>David Covey,</b> Erdem Coleri, <b>Aiman Mahmoud</b>	Tack Coat Rheological Properties and the Effects on Interlayer Shear Strength	Journal of Materials in Civil Engineering

<b>Alireza Mostafizi,</b>	Percolation Phenomenon in Connected Vehicle	Transportation
<b>Shangjia Dong,</b> Haizhong Wang	Network through a Multi-agent Approach: Mobility Benefits and Market Penetration	Research Part C: Emerging Technologies
<b>Alireza Mostafizi,</b> Haizhong Wang, Dan Cox, Lori Cramer, <b>Shangjia Dong</b>	Agent-Based Tsunami Evacuation Modeling of Unplanned Network Disruptions for Evidence- Driven Resource Allocation and Retrofitting Strategies	Natural Hazards

**Bold** indicates OSU ITE student (former students were included when the research being published was completed while an OSU ITE student)

# OSU ITE MEMBERSHIP LIST

First Name	Last Name	Degree	Expected Graduation Date	Major
Alex	Bird	B.S.	2017	Civil Engineering
Alex	Warner	B.S.	2017	Civil Engineering
Alex	Warschauer	B.S.	2019	Civil Engineering
Ali	Jafarnejad	M.S.	2016	Civil Engineering
Alireza	Mostafizi	Ph.D	2019	Civil Engineering
Amber	Meeks	B.S.	2018	Civil Engineering
*Amy	Wyman	B.S.	2017	Civil Engineering
*Blaine	Wruck	M.S.	2018	Civil Engineering
Brian	DeMeza	M.S.	2018	Civil Engineering
Cadell	Chand	B.S.	2018	Civil Engineering
Caleb	Lennon	B.S.	2017	Civil Engineering
Chao	Chen	B.S.	2018	Civil Engineering
Chen	Chen	Ph.D	2021	Civil Engineering
Daniel	Cicerchi	B.S.	2017	Civil Engineering
DiLullo	Gabrielle	B.S.	2018	Civil Engineering
*Dylan	Horne	Ph.D	2020	Civil Engineering
Efrain	Yarasca	Ph.D	2019	Civil Engineering
Elizabeth	Rios	M.S.	2017	Civil Engineering
*Ellen	Simpson	M.S.	2018	Civil Engineering
Eric	North	B.S.	2018	Civil Engineering
Erick	Moreno-Rangel	B.S.	2021	Civil Engineering
Gabriel	Cambraia	B.S.	2018	Civil Engineering
Hameed	Mohammed	Ph.D	2019	Civil Engineering
Hamsa	Zubaidi	Ph.D	2019	Civil Engineering
Harith	Abdulsattar	Ph.D	2019	Civil Engineering
*Hisham	Jashami	Ph.D	2020	Civil Engineering
*Ihsan	Obaid	Ph.D	2019	Civil Engineering
Jason	Anderson	Ph.D	2020	Civil Engineering
*Joseph	Claveria	M.S.	2018	Civil Engineering
Josh	Weaver	B.S.	2020	Civil Engineering
Justine	Bird	M.S.	2017	Civil Engineering
*Kaitlin	Littleford	B.S.	2017	Civil Engineering

Kayla	Fleskes	M.S.	2018	Civil Engineering
Ken	Jutipanya	B.S.	2017	Civil Engineering
Kevin	Bishop	B.S.	2018	Civil Engineering
Kian	Leiner	B.S.	2020	Civil Engineering
Kyaw	Htet	B.S.	2018	Civil Engineering
Kyle	Kunze	B.S.	2018	Civil Engineering
Lauren	Lucas	B.S.	2018	Civil Engineering
*Lei	Jin	Ph.D	2017	Civil Engineering
Logan	Scott-Deeter	B.S.	2019	Civil Engineering
Marissa	Rauthause	M.S.	2017	Civil Engineering
Mason	Roberts	B.S.	2018	Civil Engineering
*Masoud	Ghodrat Abadi	Ph.D	2019	Civil Engineering
Matthew	Haynes	M.S.	2019	Civil Engineering
Matthew	Barner	M.S.	2017	Civil Engineering
Matthew	Haynes	M.S.	2019	Civil Engineering
Merih	Wahid	Ph.D	2017	Civil Engineering
Mostafa	Estaji	Ph.D	2020	Civil Engineering
Nabeel	Al-Bdairi	Ph.D	2020	Civil Engineering
Nathan	Jones	M.S.	2018	Civil Engineering
Nolan	Godfrey	B.S.	2018	Civil Engineering
Peter	Colton	B.S.	2017	Civil Engineering
Shangjia	Dong	Ph.D	2020	Civil Engineering
Shashwath	Sreedhar	Ph.D	2019	Civil Engineering
Stephanie	Gallardo	B.S.	2018	Civil Engineering
Stephanie	Lockett	B.S.	2018	Civil Engineering
Sulaiman	Alarifi	B.S.	2018	Civil Engineering
*Travis	Larson	B.S.	2018	Civil Engineering
Tyler	Oathes	B.S.	2018	Civil Engineering
Wangjun	Li	B.S.	2017	Civil Engineering
Wyatt	Morris	B.S.	2017	Civil Engineering
Xiaodan	Zhang	B.S.	2018	Civil Engineering
Yue	Ke	Ph.D	2019	Civil Engineering
*Zachary	Barlow	Ph.D	2019	Civil Engineering

\*Indicates member of ITE International