



ITE ANNUAL REPORT 2018-2019

Oregon State University

Institute of Transportation Engineers Student Chapter

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INTRODUCTION

Oregon State University Institute of Transportation Engineers Student Chapter (OSU ITE) had a phenomenal year in 2018-2019. We are extremely thrilled to share some of the accomplishments of both our student chapter and our members in this Annual Report.

OSU-ITE was excited to come into this year with significant momentum, being recognized as the Western District Student Chapter of the Year, with our outgoing president Kayla Fleskes taking home the Western District Graduate Student of the Year, and our faculty advisor Dr. David Hurwitz getting the nod as Western District Faculty Advisor of the Year. Dr. Hurwitz was also recognized internally as the Sponsored Student Organization advisor of the year at Oregon State!

In this ITE-reporting-year, 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.

Members of our chapter also attended numerous conferences. Chapter members attended: the ITE Western District Annual Meeting in Keystone, Colorado, the Transportation Research Board Annual Meeting (TRB) in Washington, DC, the ITE Student Leadership Summit in Berkeley, California, the PacTrans Annual Meeting in Fairbanks, Alaska, and more. At many of these conferences, students were participating in intense competitions. Our students placed 2nd at the Western District Annual Meeting Traffic Bowl but were able to take home the top prize at the Oregon and Washington Bill Kloos Traffic Bowl competition.

Finally, our officers focused a lot of effort on the things that help make an organization great. We continued to improve our new website and refine our scheduling and communications skills to reflect our growth as a chapter. Our student chapter maintained financial sponsorship from the College of Engineering in addition to the support we receive from the School of Civil and Construction Engineering. Additionally, our officers set up a sponsorship structure to receive, recognize, and give thanks for 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 45.

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

CHAPTER ORGANIZATION

Officers

President	–	Travis Larson
Vice President	–	Hisham Jashami
Treasurer	–	Cadell Chand
Secretary	–	Cameron Bennett
Events Coordinator	–	Chen Chen
Webmaster	–	Erick Moreno
Outreach Chair	–	Amanda Riley
Public Relations Director	–	Kaden Kinser
Fundraising Chair	–	Ivan Zaw
Community Service Chair	–	Blaine Wruck (2 terms)
Community Service Chair	–	Joe Neils (1 term)
School Liaison	–	Eve Lathrop



Some of the 2018/19 OSU ITE Officers

Membership List

Number of Student Chapter Members: **45**

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

Number of Students eligible to be a Student Member of the Institute: **45**

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

Please see the attached list of all OSU ITE members for 2018-2019

Officer Meetings

Throughout the school year, OSU ITE held approximately 18 bi-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.

Elections and New Officer Structure

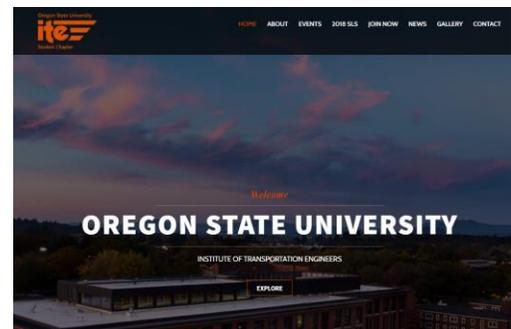
To boost meaningful engagement and spread the responsibilities of the officers, the 2018/19 OSU ITE cabinet decided to renew the officer structure for the 2019/20 season. We held elections this February, successfully filling all our open positions with motivated candidates! The new officers officially start at the beginning of Spring Term on April 1st, 2019. We decided that to effectively transfer the positions smoothly, we would elect the new officers about a month before they start.

President	-	Cadell Chand
Vice President	-	Amanda Riley
Treasurer	-	Joe Neils
Secretary	-	Sydney Borek
Project Manager	-	Eve Lathrop
Executive Chair	-	Travis Larson
Media Relations Chair	-	Erick Moreno
Outreach Chair	-	Rachael Oster
Community Service Chairs	-	Eileen Chai & Megan Lee
Social Chair	-	Cameron Bennett

Communications

Website and Social Media

OSU ITE has continued to improve a new website to help provide information about our chapter activities. The website is located at oregonstateite.org and includes our calendar, contact information, and a digital application for student membership. Along with maintaining our website, we have stayed active on our [Facebook page](#). 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.org

Newsletters and Email

The chapter also creates and disseminates a newsletter about chapter activities and announcements every quarter. This newsletter is pushed out to the subscribers of our listserv as well as all our sponsors and industry 'friends'. We maintain an active email listserv for engaged students that consists of 228 members, all of whom are active students who have asked to stay updated on ITE events. Our 'friends' email list has 40 members across Oregon and the transportation industry.

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.

Technical Presentations

The OSU ITE Chapter held eight technical presentations during the last year. Seven companies with local offices and a national reach were represented, as well as an internationally recognized academic and ITE leader, Randy McCourt!

Randy McCourt's Leadership Discussion

We had the honor of hosting Randy McCourt for a quick meeting this fall as he was on campus to accept his award from Oregon State University as an Alumni Fellow. Randy is a Principal Engineer for DKS Associates in Portland, an Oregon State alumnus, and the current ITE International Vice President. Randy led a discussion centered around leadership and career development that utilized the Myers-Briggs personality type test. He shared some of his experiences in learning how other people function and outlined how engineers can become better communicators and collaborators when we understand others better.



Randy speaks with students



Student participants with Randy McCourt

DKS Associates

At this speaker meeting, John Bosket, Ana Roeszler, and Sina Vadaei came all the way from DKS' Portland office to provide a general overview of their firm and the work they do. They discussed a couple of their projects, fielded student questions, and outlined the DKS internship program.



DKS representatives speak with OSU ITE students

Federal Highway Administration

A former Beaver, Nathaniel Price, joined us to speak about careers with FHWA and what FHWA does. Nathaniel's areas of expertise are intelligent transportation systems (ITS) architecture development and management, transportation operations, systems engineering, traffic incident management, and planning for operations.



Nathaniel Price of FHWA

Kimley-Horn

OSU hosted Allison Galuszka and Caitlin Collins in a joint meeting for ITE-ASCE. Representing Kimley-Horn, they provided students with valuable information on who they are, what Kimley-Horn is involved in, and how students can follow a career path within their company. The presentation was followed by a Q&A session for students to interact with the company representatives.



Kimley-Horn representatives admire their new OSU ITE pint glasses!

Murraysmith

David Covey and Chris Link represented Murraysmith at a Speaker Meeting for our student chapter. Murraysmith is a public infrastructure engineering firm with 10 offices and 175 employees across the west coast. At the time of presentation, Murraysmith was working on the Beautification of Florence, OR project, as well as the OR 126 paving project that included bus pullouts and a buffered right turn lane. Students enjoyed learning about these local projects!



Murraysmith representatives with Hisham and their pint glasses

David Evans and Associates

David Evans and Associates (DEA) Project Manager Ed Chamberland and Oregon Smart Mobility Group Leader Scott Harmon gave an interactive presentation that was well received by OSU ITE members. The presentation included challenging case studies, career advice, and valuable insight into the business side of consulting engineering. Scott, who previously worked in the public sector was also able to give curious students advice on choosing a career in the public sector versus the private sector.

HDR

Will Hume, a Senior Traffic Engineer at HDR, took the time to come present to students about various innovative intersection designs. He gave an overview of the firm, gave a brief lesson on alternative intersections, and discussed several corridor design projects that included innovative designs to accommodate ambitious traffic volumes with impressive LOSs.



Will Hume, HDR, fields student questions

Team Oregon

Patrick Hahn from Team Oregon, the Oregon Motorcycle Safety Program, joined our chapter to discuss motorcycle awareness and possible solutions to typical motorcycle issues. As the Communications Manager for the program, his specialty is in conveying information. Our group had an open dialogue regarding how engineers and public figures can work together to alleviate motorcycle crashes in Oregon. As motorcycles are not a typical mode discussed in transportation engineering, the talk was very enlightening.



Patrick Hahn works through a case study with students

Field Trips

OSU ITE students were lucky enough to visit many of our industry connections 'on their home turf'. The chapter is grateful for all the folks who took the time to show us their places of work!

Kittelson and Associates, Inc. Portland Office Tour

A group of five students were able to travel to Portland for a day to visit Kittelson's Portland office and talk with over two dozen engineers, planners, and support staff. The day consisted of five, 1-hour sessions regarding all sorts of topics including company history and culture, examples of design and planning projects, networking, business practices for a private firm, and more. All students agreed that it was the best office tour that we had been a part of. The group felt welcomed and got to ask a lot of questions.

Industry Advisory Board Meeting

The Oregon State ITE student chapter was invited to attend a portion of the School of Civil and Construction Engineering's (CCE) Industry Advisory Board (IAB) Meeting at the beginning of Fall term. The IAB meets twice a year to help the CCE department evaluate course outcomes within the School's curriculum to verify that the knowledge being taught lines up with industry standards and desirable technical skills for graduates in the program. The School Head asked our chapter to share a small bit on how we connect classroom knowledge with practical application through our many activities and opportunities for students. It was an honor to be recognized at that level from our department as a group that fulfills the School's mission as well as the mission of ITE.



OSU ITE students pose in Portland's Pioneer Square, right outside KAI's office

Tour of Trimet Operations Center and Kittelson and Associates, Inc. Portland Office

Oregon ITE always organizes company tours to accompany the Oregon ITE Traffic Bowl. This year, a large group of students were able to visit the Trimet Operations Center and the Kittelson and Associates, Inc. Portland office the day after the main event. The tour of the Operation Center was intriguing and showed the amount of work that goes into maintaining a transit system on a daily basis from bus maintenance and allocation to rail issues and safety concerns. The highlight of the tour was stepping into the light rail network control room and witnessing the 'control tower' maneuver trains in the downtown corridor. The tour to Kittelson was an extended networking and question/answer session that many people in the firm participated in.

Promotion of Transportation Engineering

The OSU chapter of ITE participates in several 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.

Oregon State University Student Organization Award

Congratulations are in order for our faculty advisor, Dr. David Hurwitz, for winning the Oregon State SSO (Sponsored Student Organization) Advisor of the Year Award! This award recognizes a faculty or staff advisor who take the extra time to ensure that their respective club/organization has success and develops a team atmosphere. This speaks a lot to the influence that Dr. Hurwitz has on our student chapter and the work that he puts in to help us succeed. If you happen to see him around, tell him congrats!

Welcome Week Event

The first ITE Student Welcome Event was held September 19th through 21st, corresponding with the start of the academic year. The event was designed to welcome and assist all students with directions, maps, and information specifically related to transportation services in and around the Oregon State campus. ITE received support



Volunteers at our welcome week event

from the OSU Transportation Services Department in the form of maps, brochures, and other informational items. We had many volunteers over the three-day event and helped approximately three-hundred students in the first few days of fall term.

For the event, OSU ITE manned an informational booth at the center of campus, helping new students navigate the transportation options of college life, and hosted a transportation-themed scavenger hunt. The scavenger hunt led participants on various modes of transportation around campus and Corvallis and culminated in a set of prizes for the most successful teams.

In addition, our officers manned a booth during Welcome Week at the Beaver Community Fair, an event for all on-campus clubs and organizations. They answered people's questions about how to get involved with our organization, helping us reach a broader spectrum of students at OSU.

College of Engineering Outreach

ITE officers attended the Cotton Candy 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 cotton candy to all attendees. ITE had a lot of interest, and the event resulted in the recruitment of several new members.



ITE officers promoting ITE to new and returning engineering students

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.

The OSU ITE student chapter also created a new cabinet position, the School Liaison, whose responsibilities include attending ESC meetings and ensuring proper standing and documentation with OSU governing bodies.

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

Open Streets Corvallis Activity - Traffic Counts for Future Safety Improvements Meeting

Our Student Chapter had the unique opportunity to assist with a traffic study for a closure on Coolidge Way at the five-leg intersection of 29th and Grant in Corvallis. The ITE Student Chapter worked jointly with OSU Transportation PhD candidate Dylan Horne and City of Corvallis Public Works representative Greg Wilson to conduct a traffic count and conflict analysis for this complex intersection. The Student Chapter is involved with collecting and processing traffic count data for the before-and-after closure scenarios with the intention of showing that the 5th leg closure benefits the intersection from a multi-modal safety standpoint. The temporary closure, meant to provide a safe event area for the Open Streets event in Corvallis, will hopefully become a permanent installment in the future and help to promote safe active transportation in the Corvallis community.



The proposed intersection layout with the Coolidge Way closure – figure courtesy of Dylan Horne

Avery Park Bike Valet

The ITE Student Chapter had the pleasure of assisting Corvallis Parks & Recreation with their summertime Avery Park Movie Night event in August! Chapter members assisted with the event as Bike Valets and Vendor Concierge. Helping with the Bike Valet program helped to promote the sustainability of this event by providing the public with a safe place to store their bikes while enjoying the movie, thereby reducing the number of vehicles traveling to this event. The event had a great turnout, with more than 1200 attendees! The student chapter members had a great time helping and we hope that Corvallis Parks & Recreation will again consider us for volunteer opportunities in the future!

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

Social Activities with Transportation Engineers

Ping-Pong Tournament

The OSU ITE chapter held a social (but not informal) ping-pong tournament in our on-campus gymnasium with students and a few alumni. Competitors battled for cash prizes in 2v2 games, with ten teams narrowing down to a final and third place game that determined our winners!



What a great turnout for our Ping-Pong event!



ITE'ers enjoying the food and company at the BBQ!

Annual Year-End Barbeque

OSU ITE hosted a BBQ, cooking burgers and hot dogs, and serving drinks to celebrate the end of spring term and a successful school year. It is tradition to invite alumni and professional engineering/planning friends of our chapter to this event. We had a great time hanging out, catching up, and eating with students, alumni, family, and friends at the Avery Park structure just south of campus!

Conferences

ITE members attended and presented at several conferences, included below, as well as those mentioned in the Chapter Liaison with ITE Section (see page 16)

Transportation Research Board (TRB) Annual Meeting

The 2019 TRB meeting saw 14 students from OSU travel to Washington D.C., half of whom were presenting their work at the conference. Students received several awards, including 2nd place in the **Traffic Control Device Competition**, and PacTrans Student of the Year. Students enjoyed the exposure and networking opportunities presented at TRB to leaders in Transportation Engineering and Academia. All OSU ITE members attended the PacTrans reception, where students interacted with faculty and students from other universities in the Pacific Northwest.

ITE Student Reception at TRB

Additionally, a number of OSU ITE members also attended the ITE Student Reception at TRB. At the ITE Student Reception, members were able to share chapter strategies and ideas with other student chapters around the country, as well as meet the leaders of ITE International. It was very encouraging to reconnect with students from all over the country that we had meet at previous events and conferences.



ITE members and OSU faculty at the PacTrans reception



A crowded room at the ITE Student Reception!

2019 ATTSA Convention

One member from the TCDC Challenge was invited to give a Traffic Talk at the 2019 ATTSA Convention in Tampa, FL. The traffic talk was well received among the practicing engineers in attendance. Work from the TCDC was also presented in poster, receiving interest from traffic safety suppliers and DOT signal engineers.

PacTrans

The annual PacTrans Region 10 Conference was hosted by the University of Alaska Fairbanks (UAF) this year. ITE students who were given the opportunity to attend were exposed to PacTrans funded research projects, listened to ideas from a panel of leaders in transportation technology, learned about the Alaska's unique transportation system, and networked with faculty and students from other



ITE members and OSU faculty at PacTrans

PacTrans affiliated universities. OSU graduate students Alireza and Hisham took 1st and 3rd in the poster competition!

Additionally, UAF organized tours showcasing the unique infrastructure challenges Fairbanks faces with respect to extreme weather events and permafrost. This included a tour of the permafrost tunnel research facility operated jointly by UAF and the United States Army Corp of Engineers.

Human Factors Conference — Oregon State University

The Human Factors in Roadway Design and Operations Conference was held at Oregon State in November, 2018. ITE faculty advisor Dr. David Hurwitz and OSU professor Dr. Kate Hunter-Zaworski were joined by professor emeritus Dr. Robert Layton of the Kiewit Center. A wide range of topics addressing accessibility and human reactions to transportation were covered over the two-day conference. This educational event was open to ITE students and was attended by three of our cabinet members: Cadell Chand, Travis Larson, and Amanda Riley.

Lifesavers Conference, 2019

Two of our cabinet members, Hisham Jashami and Cameron Bennett, were selected as Traffic Safety Scholars for the Lifesavers conference in Louisville Kentucky. The conference is a nationally-attended event for all professions working in highway safety, from public health to communications to engineering. The event normally sees over 2,000 attendees over four days. The competitive Safety Scholars program provides a stipend for travel, lodging, and registration at the event, based off an essay and application. Hisham and Cameron are very excited to have been selected and to be representing OSU at the event at the end of March, 2019.

CHAPTER LIAISON WITH ITE

Active Involvement with ITE

Oregon ITE Board Meetings

One of the goals this past year for the OSU student chapter was to engage more with Oregon ITE and try to form a better communication stream. Through talks between the Oregon ITE President and OSU ITE President, we were invited to attend the monthly OR ITE Board meetings starting at the end of 2018. Our President calls-in to the meetings and can listen and give input on students' perspectives regarding OR ITE events and activities. It has fostered better awareness of each other's activities and how we can support one another. In just the few short months, it has connected us with opportunities like assisting with a OR ITE workshop as well as given OSU ITE feedback on upcoming networking opportunities with OR ITE.

Oregon ITE June Luncheon

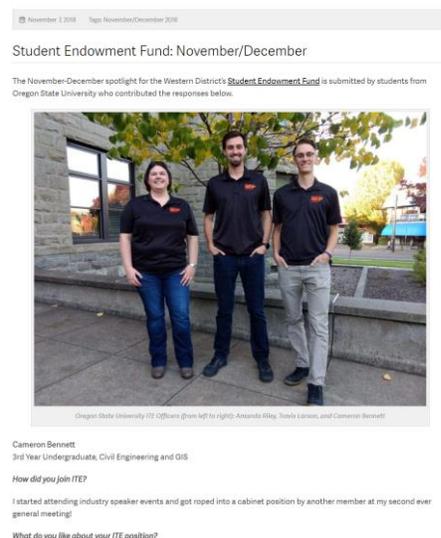
A member of our chapter joined some professional engineers in Portland, OR for the Oregon ITE June Luncheon hosted at the David Evans and Associates office. The topic was on the response by ODOT and WDOT to last year's Eagle Creek Fire in the Columbia River Gorge. It was a very thought-provoking talk that was from the perspective of an Emergency Operations Manager.

GOITE Workshop

GOITE is an annual event hosted by different locations in Oregon. This year the summer workshop was hosted at the OSU Cascades campus in Bend, Oregon. Featured presentations and panel discussions on multimodal transportation issues included the FHWA Connectivity Guide, a preview of the new ASSHTO Bike Guide, and an ODOT presentation on Region 4 Integration of Active Modes. OSU ITE was able to send two students to the workshop: Amanda Riley and Blaine Wruck. This low-key event was a great introduction to professional events for students and offered many opportunities to network and learn about upcoming ideas in transportation.

Western District Newsletter

This past year, OSU ITE members wrote a post for the Western ITE newsletter and website. This post helped promote the initiatives of the Student Endowment Fund and how they positively impacted our chapter. The post can be found [here](#).



Screenshot of a post from the Western District Website

Attendance at Meetings

Western District Annual Meeting

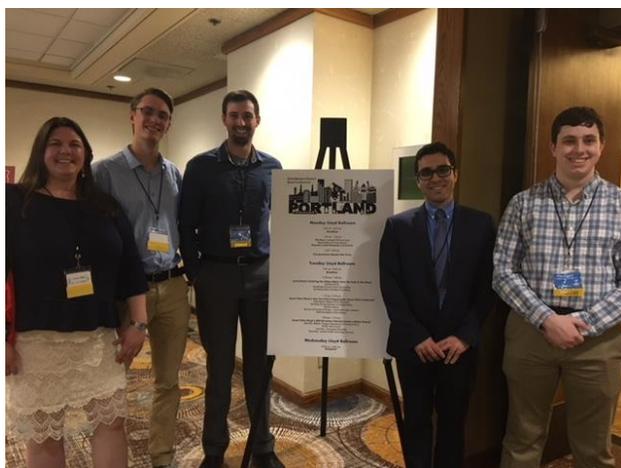
Five of our students were able to attend the 2018 Western District Meeting in Keystone, CO. Attending the annual meeting allowed our officers to network with regional leaders in transportation, expand their transportation knowledge beyond the classroom, and witness the close bond between ITE members. Our officers also competed in the annual traffic bowl competition, with the OSU ITE traffic bowl team (Joe, Kayla, Cadell, Erick) coming in 2nd place. Congrats to underdogs Cal State Fullerton to getting 1st!

The OSU ITE chapter was presented with several awards at the event:

- Western District **Student Chapter of the Year**: Oregon State ITE
- Western District **Graduate Student of the Year**: Kayla Fleskes
- Western District **Faculty Advisor of the Year**: Dr. David Hurwitz



The OSU Traffic Bowl team and our proud award winners at the ITE Western District Annual Meeting



OSU Volunteers at the ITE Quad Conference

Quad Conference

In May, Oregon ITE hosted the ITE Quad Conference in Portland, OR. Our student chapter worked closely with OR ITE officers to work as volunteers for this conference. This afforded 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. Five OSU students were able to attend.

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.

This year, the OSU chapter was proud to bring home the grand prize, winning the competition. The win came with a \$500 novelty check and a picture including the classic Pat Marnell finger guns and Randy McCourt smile.



The OSU Traffic Bowl team at Oregon Traffic Bowl

UC Berkeley Student Leadership Summit

Three OSU ITE members were able to represent the chapter at the SLS in Berkeley, CA this January. They were able to network with students, faculty, and potential employers from across the Western District. The conference included a variety of learning opportunities for attendees. On the technical front, there was a CAV expert panel, technical talks from academics and industry innovators, a walking tour of Berkeley hosted by local Kittelson employees, and keynote speakers at each meal. For professional development, there were speed interviews, resume sessions, tabling and networking opportunities, and friendly competitions to develop creative thinking and industry know-how. The laid-back environment of a student-centered conference and Berkeley made for fast friends and a fantastic reprieve from the Corvallis rain.



Clever 'transportation engineers' paved a desire path on campus



OSU ITE students squint in the California sun

UMass Student Leadership Summit — ITE North-Eastern and Mid-Colonial Districts

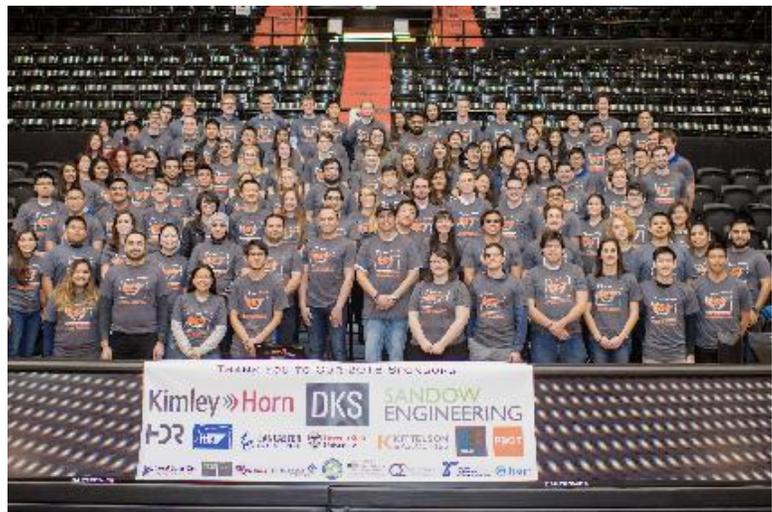
Three of our ITE members were able to attend the UMass Student Leadership Summit last spring in Amherst, Massachusetts. It was the first SLS held within the ITE Northeastern/Mid-Colonial Districts and it was an absolute pleasure supporting UMass in their endeavor by attending. Oregon State has faculty ties with UMass-Amherst, so this was a great opportunity for our students to reflect those relationships. Topics at the conference surrounded career development and leadership skills. All in all, it was very exciting to hear from many long-time members like ITE International Vice President Bruce Belmore on how they want to invest in students and how important our participation and collaboration is to the organization!



OSU ITE students at the UMass Student Leadership Summit

Oregon State Student Leadership Summit (2018) Reflection — Western District

Just over a year ago, Oregon State University hosted the 5th annual Student Leadership Summit (SLS) in Corvallis, Oregon. It brought together over 125 students from 25 universities across the Western District and beyond. The event was an amazing success and we are thankful for all the people that helped in its planning and execution. It has had an impact on our student chapter by attracting more students at the undergraduate level as well as showing all students the opportunities that ITE can provide to students early on in their career, at both the District and International level. We have felt the effect of leading the summit on our chapter's dedication to leadership development as witnessed through the high-caliber events hosted this following year. Thank you Western District for supporting us!



2018 SLS Group Photo at Oregon State

Student Papers Published and 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	JOURNAL or CONFERENCE
Barlow, Z. , Sova, A., Hurwitz, D., Olsen, M.	Risky Driver Glances at Roadside Unmanned Aerial System Operations	ITE Journal
Abadi, M.G. , Hurwitz, D.	Operational Impacts of Protected-Permitted Right-Turn Phasing and Pavement Markings on Bicyclists Performance during Conflicts with Right-Turning Vehicles	98th Transportation Research Board Annual Meeting Compendium
Jashami, H. , Hurwitz, D., Monsere, C., Kothuri, S. *	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
Abadi, M.G. , Gestson, S., Brown, S., Hurwitz, D.	Traffic Signal Phasing Problem-Solving Rationales of Professional Engineers Developed from Eye-Tracking and Clinical Interviews	Transportation Research Record: Journal of the Transportation Research Board
Abadi, M.G. , Hurwitz, D., Sheth, M., McCormack, E., Goodchild, A.	Factors Impacting Bicyclist Lateral Position and Velocity in Proximity to Commercial Vehicle Loading Zones: Application of a Bicycling Simulator	Accident, Analysis, & Prevention
Horne, D. , Abadi, M. G., & Hurwitz, D.	Bicycling Simulator Calibration: A Proposed Framework	Transportation Research Record: Journal of the Transportation Research Board
Slocum, R. , Adams, R., Buker, K., Hurwitz, D., Mason, H. B., Parrish, C. & Scott, M.	Creating Earthquake Response Spectra with Desktop Learning Module Measurements	Hardware X
Mason, H. B., Hurwitz, D., Buker, K., Adams, R., Slocum, R. , & Scott, M. H.	Increasing Student Understanding of Response Spectra: A Case for the Inductive Learning Approach	Earthquake Spectra
Abadi, M. G. , Hurwitz, D.	Promoting Bicyclist Perceived Level of Comfort in Dense Urban Environments: Influence of Ambient Traffic, Engineering Treatments and Bicyclist Characteristics	Sustainable Cities and Society
Mohammed, H. A. , Hurwitz, D., & Smaglik, E.	Variable Driver Responses to Yellow Indications: An Operational Challenge and Safety Concern	ITE Journal

Jung, J. , Olsen M., Hurwitz, D., Kashani, A., & Buker, K.	Evaluation of 3D Sight Distance at Unsignalized Intersections	Transportation Research Part C: Emerging Technologies
Claveria, J. , Hernandez, S., Anderson, J.C. , Jessup, E.L.	Understanding Truck Driver Behavior with Respect to Cell Phone Use and Vehicle Operation	Transportation Research Part F: Traffic Psychology and Behaviour
Osman, K.K., Claveria, J. , Faust, K.M., Hernandez, S.	Temporal Dynamics of Willingness to Pay for Alternatives that Increase the Reliability of Water and Wastewater Service	Journal of Construction Engineering and Management
Azeez, M. , Gambatese, J., Hernandez, S.	What do construction workers really want? A study in occupational rewards' representation, importance, and perception	Journal of Construction Engineering and Management
Lang, X. , Jessup, E., Hernandez, S.	An Analysis of Driver's Injury Severity Related to Commercial Truck Parking Availability	98th Transportation Research Board
Faust, K., Hernandez, S., Anderson, J.C.	Willingness to Pay for Perceived Increased Levels of Water and Wastewater Service in U.S. Shrinking Cities: A Latent Class Approach	Journal of Water Resource Planning Management
Al-Bdairi, N., Hernandez, S., Anderson, J.C.	Contributing Factors to Run-off-Road Involving Large Trucks under Lighted and Dark Conditions	Journal Transportation of Engineering, Part A: Systems
Anderson, J.C. , Hernandez, S., Jessup, E.L., North, E.	Perceived safe and adequate truck parking: A random parameters binary logit analysis of truck driver opinions in the Pacific Northwest	International Journal of Transportation Science and Technology
Mostafizi, A. , Wang, H., Dong, S.	Understanding the Multimodal Evacuation Behavior for a Near-field Tsunami	Journal of Transportation Research Record
Abdulsattar, H. , Mostafizi, A. , Wang, H.	Measuring the Impacts of Connected Vehicles on Travel Time Reliability in a Work Zone Environment: An Agent-based Approach	Journal of Intelligent Transportation Systems
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Abdulsattar, H. , Mostafizi, A. , Wang, H.	Surrogate Safety Assessment of Work Zone Rear-end Collisions in a Connected Vehicle Environment: An Agent-based Modeling Framework	ASCE Journal of Transportation Engineering Part A: Systems

Mostafizi, A., Wang, H., Dong, S.	Understanding the Multimodal Evacuation Behavior for a Near-field Tsunami	Transportation Research Board Annual Meeting
Wang, H., Siam, R.K., Wang, Y., Deng, S.	A Multi-agent Modeling of Human-Like Socially Intelligent Signalized Intersections with Memory and Learning: A Machine Learning Approach	Transportation Research Board Annual Meeting
Siam, R.K., Shao, C., Wang, H.	An Efficiency-Based Formulation of Freeway Capacity: Analytical Properties and Practical Implications	Transportation Research Board Annual Meeting
Mostafizi, A., Siam, R.K., Wang, H.	Autonomous Vehicle Routing Optimization in a Competitive Environment: A Reinforcement Learning Application	ASCE International Conference on Transportation & Development
Bold indicates OSU ITE student (former students were included when the research being presented was completed while an OSU ITE student)		

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