



OREGON STATE UNIVERSITY
**INSTITUTE OF
 TRANSPORTATION
 ENGINEERS**
 STUDENT CHAPTER

March 1, 2021

Submitted to Ashley Kim
 Student Funding and Initiatives Committee Chair

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2020-2021

ANNUAL REPORT

PRESIDENT'S MESSAGE

The 2020 – 2021 year has been challenging. Yet it has also been one of great resilience, growth, and new opportunity for our chapter...opportunity that I believe we have embraced whole-heartedly. When Oregon State University (OSU) transitioned to fully remote operations in late March 2020, OSU ITE continued the events we would have sponsored in person, just in a virtual setting. We held our general meeting, speaker, and social meetings over Zoom. Then we looked further: as our in-person social circles disappeared, we wondered how we could facilitate the in-person interactions we were losing, virtually. In response, we began a mentoring program to connect both undergraduate and graduate students with each other and professionals. We began a graduate student discussion group, for the first time bringing graduate students located in disparate areas of campus together on a consistent basis to discuss transportation, research, and life. We collaborated with student chapters across the nation and the world on events like the ITE International Student Leadership Summit and a student/faculty mixer with the University of Puerto Rico – Mayaguez. And, we have been able to support many more members to attend virtual conferences like the ITE Western District and ITE International Student Leadership Summits. Despite the pandemic, we have continued to grow our K-12 outreach, commitment to diversity and inclusion, community service, and professional development opportunities. These activities demonstrate OSU ITE's unwavering commitment to advancing the transportation community, even during exceptional times. I truly believe OSU ITE has emerged from the 2020 - 2021 year stronger than ever! If you have any questions about this report or the student chapter, please do not hesitate to reach out to me by email at wymana@oregonstate.edu or by phone at 971-219-7837.

-Amy Wyman, OSU ITE President

Amy Wyman
 OSU ITE President

Dr. David S. Hurwitz
 OSU ITE Faculty Advisor

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**CHAPTER
 ADMINISTRATION**



Amy Wyman
 President



Dr. David Hurwitz
 Faculty Advisor



Diane Fankhanel
 Vice President



Charles Koll
 Secretary



Joe Neils
 Treasurer



Brianna Velasquez
 Media Relations



Rachael Oster
 Professional Dev.



Erick Moreno
 Community Svc.



Josephine Crofoot



Elsa Moreno

K-12 Outreach



Eileen Chai



Mckenna Milacek

Special Events

32 REGULAR MEMBER MEETINGS



Meeting #	Date	Location	Presentation	Speaker	Joint?
1	04/21/20	Virtual	Planning	N/A	No
2	04/23/20	Virtual	Discussion	N/A	No
3	05/05/20	Virtual	General	Amy Wyman	No
4	05/07/20	Virtual	Discussion	N/A	No
5	05/12/20	Virtual	Speaker	Andrew Sullivan, PE, PBOT	No
6	05/21/20	Virtual	Discussion	N/A	No
7	05/26/20	Virtual	Planning	N/A	No
8	06/04/20	Virtual	Discussion	N/A	No
9	08/25/20	Virtual	Planning	N/A	No
10	09/01/20	Virtual	Planning	N/A	No
11	10/05/20	Virtual	Planning	N/A	No
12	10/12/20	Virtual	General	Amy Wyman	No
13	10/19/20	Virtual	Planning	N/A	No
14	11/02/20	Virtual	Planning	N/A	No
15	11/09/20	Virtual	Speaker	Ryan Groesbeck, Quality Counts	No
16	11/16/20	Virtual	Speaker	ODOT	Yes (EERI)
17	11/30/20	Virtual	Planning	N/A	No
18	01/06/21	Virtual	Planning	N/A	No
19	01/14/21	Virtual	General	Amy Wyman	No
20	01/15/21	Virtual	Speaker	Brian Staes, MSCE, OSU	Yes (CE 507)
21	01/20/21	Virtual	Discussion	N/A	No
22	01/22/21	Virtual	Speaker	Eimar Boesjes, CEO, Moonshadow	Yes (CE 507)
23	01/29/21	Virtual	Planning	N/A	No
24	01/29/21	Virtual	Speaker	Dr. Robert Bertini, OSU	Yes (CE 507)
25	02/03/21	Virtual	Discussion	N/A	No
26	02/05/21	Virtual	Speaker	Patrick Marnell, PE, Q-Free	Yes (CE 507)
27	02/12/21	Virtual	Speaker	Peter Koonce, PE, PBOT	Yes (CE 507)
28	02/15/21	Virtual	Planning	N/A	No
29	02/17/21	Virtual	Discussion	N/A	No
30	02/19/21	Virtual	Speaker	Patrick Hahn, Team Oregon	Yes (CE 507)
31	02/23/21	Virtual	Speaker	Andrew Sullivan, PE, PBOT	No
32	02/26/21	Virtual	Speaker	Dr. Kristin Currans, UA	Yes (CE 507)



FEATURED MEETING: MEETING #2

OSU ITE launched a new type of regular member meetings this year: a bi-weekly Graduate Student Discussion Group. The program had consistently strong turnout and positive student feedback, bringing together graduate students interested in all aspects of transportation for an informal chance to chat about their research, transportation topics, and graduate school. Pre-pandemic, our transportation graduate students were spread across campus in different labs and offices—students in different transportation labs rarely saw each other outside of class. Meeting virtually on a regular basis helped foster a greater sense of community and collaboration across OSU’s transportation program and served as a resource for undergraduate students interested in learning more about transportation, transportation research, and graduate school.



LEADERSHIP DEVELOPMENT

At the beginning of spring term, all new officers met one-on-one with the student chapter president to discuss their officer responsibilities and establish goals for their term of service.

The objective of these meetings was to chart a path towards achieving these shared goals, and for the chapter president to understand both how best to support individual officers in their goals and foster collaborations between officers with similar interests.

Two resulting officer committees were formed: a K-12 outreach committee and a mentoring committee.

Non-officer members were welcomed and encouraged to join committees, with some transitioning to officer positions throughout the year. Students on the committees led newly established K-12 and mentoring initiatives for the chapter.

Additionally, OSU ITE supported all interested members, including the entire officer team, to attend both ITE Western District and ITE International Student Leadership Summits.

NETWORKING EVENTS

Due to the virtual state of conferences like the PacTrans Region 10 Conference, Oregon ITE Bill Kloos Traffic Bowl, the TRB Annual Meeting, the ITE Western District and International Student Leadership Summits, and the Oregon ITE Winter Workshop, OSU ITE was able to sponsor student attendance for all student members who desired to attend these events.

These events provided virtual opportunities for members to connect and interact with students and transportation professionals across the nation and the world.

To further facilitate connections between students and professionals, OSU ITE launched a new mentoring program in Spring 2020.

The program connected students with local transportation professionals, undergraduate students with graduate students, and new undergraduate students with more advanced undergraduate students for recurring one-on-one meetings over several months. The program received significant positive feedback from mentors and mentees alike.

Virtual platforms also facilitated multiple unique opportunities for collaboration with other ITE chapters. OSU hosted two events, one social and one technical, in collaboration with the University of Puerto Rico – Mayaguez (UPRM) student chapter. Members enjoyed meeting new people and learning about transportation research, studying, and life at UPRM and OSU.

We have also collaborated significantly with student chapters, most notably Cal Poly San Luis Obispo (SLO), on events like the International Student Leadership Summit. As part of this Summit, our chapters jointly designed social sessions to facilitate networking between all student chapter members.



K-12 STEM OUTREACH

OSU ITE has worked very hard this year to inspire interest in transportation and STEM fields among K-12 students in a remote environment.

In August, we led a week-long hybrid transportation summer camp, termed the OSU Summer Transportation Institute, for a diverse group of high school students. Students engaged in transportation-focused in-person activities on topics like accessible, multimodal design in the morning, then met for interactive sessions over Zoom in the afternoon.

This February, the OSU ITE team led a transportation-themed session for OSU AWSEM Club, a group focused on engaging K-12 women in STEM.

Over the course of the year, OSU ITE also developed and distributed a semi-regular newsletter about transportation and STEM-relevant opportunities to high school students and developed K-12 presentation materials on engineering and transportation's role in our society.

All these activities highlight our chapter's dedication to inspiring the next generation of transportation leaders and STEM professionals.

APPLICATION OF TECHNICAL KNOWLEDGE

OSU ITE has contributed to advancing the state of the transportation practice in a variety of forms this year:

- We have collaborated with the OSU Childhood Development Center (CDC) to address parking and pick-up/drop-off procedures for improving traffic flow and access to the Center.
- Members presented their transportation research via posters and lectern sessions at a variety of conferences like PacTrans, Moving Together 2020, and the Transportation Research Board (TRB) Annual Meeting.
- Members presented their research in webinars hosted by transportation organizations like Oregon ITE and the Oregon Statewide Signal Timers Association.
- Members volunteered their experience with OSU's senior capstone design class through in-class help sessions, serving on a professional panel, and delivering introductory Synchro webinars to both the capstone class and OSU ITE members.
- OSU ITE has also been active with Traffic Bowl—we were excited to place first at the ITE Western District competition this June and place third at the ITE Intercollegiate Grand Championships, the first time OSU ITE has ever made it to the final competition!

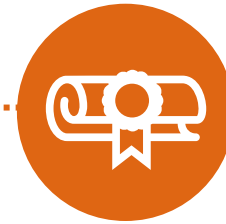
NEW MEMBER RECRUITMENT

OSU ITE seeks to recruit students from all disciplines, inside and outside of engineering. In addition to recruiting at the OSU College of Engineering's virtual club fairs during both fall and winter terms, our chapter also gave short presentations in introductory chemistry and engineering classes this fall.



DIVERSITY, EQUITY & INCLUSION

OSU ITE strives to create an inclusive environment for all members, promote the importance of diversity, and improve the status of women and underserved populations in the transportation industry, in STEM, and in society. Our chapter hosts regular social sessions to connect persons across disciplines, at OSU and universities throughout the world. Twice this year, OSU hosted a joint social and a transportation faculty speaker panel with the University of Puerto Rico – Mayaguez (UPRM) student chapter. We hope to continue and grow this collaboration in the future.



TRAINING, PROFESSIONAL DEVELOPMENT & TECHNICAL TOURS

A foundational goal of OSU ITE is to provide professional development opportunities to our members. This year, this included our professional mentoring program, conference attendance, and collaborating with ITE International, ITE Western District, Oregon ITE, and other student chapters on professional development events. For example, our student chapter organized and hosted two technical sessions for the ITE International Student Leadership Summit (I-SLS) and collaborated with Cal Poly SLO's student chapter on social sessions for I-SLS. We also hosted an introductory Synchro webinar for chapter members. Over the summer, OSU ITE hosted a virtual technical field trip as part of our OSU Summer Transportation Institute, in which an engineer with ODOT walked us through a construction site and beneath a bridge deck via Zoom.



SERVICE PROJECTS

OSU ITE is committed to encouraging civil responsibility in our members and serving our local community, as community members and professionals working to advance the transportation profession. Following appropriate pandemic protocols, OSU ITE partnered with OSU's Transportation Services division for two in-person volunteering events this year: the Welcome Week Poker Ride, a bicycling orientation for new OSU students; and planning the Corvallis Be Bright, Be Seen initiative, where volunteers will hand out bicycle lights to promote bicyclist safety. Other service-related projects, like the OSU CDC Collaboration, K-12 outreach activities, and OSU senior capstone class webinars and help sessions are described in prior sections.

APPLICATION OF TECHNICAL KNOWLEDGE

Activity	Date	Location	Attendees
OSU Childhood Development Center (CDC) Collaboration	03/04/20	Virtual	5
OSU Senior Capstone Synchro Seminar	04/15/20	Virtual	17
OSU Senior Capstone Professional Panel	05/06/20	Virtual	55
ITE Western District Annual Meeting – Traffic Bowl (1st Place)	06/28/20	Virtual	4
ITE Western District Annual Meeting – Kell Competition	06/28/20	Virtual	4
ITE September Webinar – Research Presentation	09/30/20	Virtual	60
Civil and Construction Engineering (CCE) Advisory Board	10/16/20	Virtual	30
ITE Intercollegiate Traffic Bowl Championships (3rd Place)	10/21/20	Virtual	4
Statewide Signal Timers Meeting – Research Presentation	10/22/20	Virtual	65
Civil and Construction Engineering (CCE) Clubs Meeting	11/06/20	Virtual	21
PacTrans Region 10 Student Conference	11/18/20	Virtual	10
Oregon ITE Bill Kloos Traffic Bowl (3rd Place)	11/19/20	Virtual	40
Moving Together 2020 Conference – Research Presentation	11/19/20	Virtual	120
CUTC Annual Awards Banquet – PacTrans Student of the Year	01/06/21	Virtual	1
TRB Annual Meeting – Poster and Lectern Presentations	01/25/21	Virtual	14
OSU Senior Capstone Help Session	02/08/21	Virtual	17

TRAINING, PROFESSIONAL DEVELOPMENT & TECHNICAL TOURS

Activity	Date	Location	Attendees
OSU ITE Student-Professional Mentoring Program	Varies	Virtual	N/A
OSU ITE Synchro Webinar	05/18/20	Virtual	27
ITE Western District Annual Meeting	06/28/20	Virtual	12
PacTrans Region 10 Transportation Conference	10/16/20	Virtual	10
OSU ITE Fall Mentoring Program Launch Event	10/29/20	Virtual	15
PacTrans Region 10 Student Conference – Technical Sessions	11/18/20	Virtual	10
ITE Western District Student Leadership Summit	01/15/21	Virtual	12
TRB Annual Meeting – Technical Sessions	01/25/21	Virtual	14
Oregon ITE Winter Workshop	02/11/21	Virtual	Varies
ITE International Student Leadership Summit	02/19/21	Virtual	15

NEW MEMBER RECRUITMENT

Activity	Date	Location	Attendees
Fall ENGINEERING+ Club Fair	09/22/20	Virtual	10
Civil and Construction Engineering (CCE) Town Hall	09/30/20	Virtual	45
Classroom Outreach	Varies	Virtual	N/A
Winter ENGINEERING+ Club Fair	01/13/21	Virtual	10

DIVERSITY, EQUITY & INCLUSION

Activity	Date	Location	Attendees
Spring Trivia Night	05/28/20	Virtual	15
Fall Coffee Hour	10/26/20	Virtual	10
Social Night with University of Puerto Rico – Mayaguez	11/10/20	Virtual	8
Fall Social – Party Games via Jackbox	11/16/20	Virtual	10
Speaker Panel with University of Puerto Rico – Mayaguez	02/18/21	Virtual	15

K-12 STEM OUTREACH

Activity	Date	Location	Attendees
High School Newsletter Distribution	Varies	N/A	N/A
OSU Summer Transportation Institute (Week-long Program)	08/17/21	Hybrid	18
K-12 Engineering Presentation Materials Development	Varies	N/A	N/A
OSU AWSEM Club “Parking Design” Session	02/24/21	Virtual	25

SERVICE PROJECTS

Activity	Date	Location	Attendees
Welcome Week Poker Ride	09/24/20	Corvallis, OR	Varies
Be Bright, Be Seen Planning	N/A	Corvallis, OR	N/A



APPENDIX: PICTURES 2020-2021



**Oregon State University
Institute of
Transportation Engineers
Student Chapter**

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