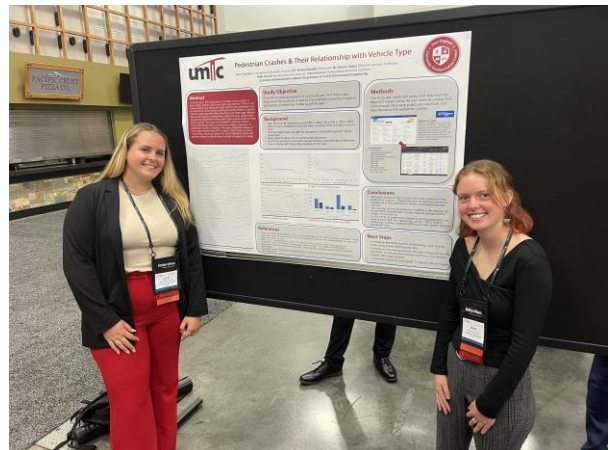




# 2023-2024 Annual Report

University of Massachusetts Amherst Institute of Transportation Engineers Student Chapter





## Chapter Details

### 1. Student Chapter Executive Board (Elected 2023-2024)

President: Angelina Caggiano  
Co-Chair: Kyla Nguyen  
Vice President: Dewan Tanvir Ahammed  
Secretary: Daniel Cuoco  
Treasurer: Pravara Parashar  
Marketing and Communications: Leila Cesic, Peter Swenson, & Grace Letendre  
Recruitment Chair: Brigham Stevenson  
JSES Liaison: Thomas Yang  
Smith College Liaison: Dakota Law & Rachel Freeman  
Technical Project & Fundraising Coordinator: Jiewen Luo

### List of Executive Meetings:

Wednesday February 1<sup>st</sup>, 2023  
Monday March 6<sup>th</sup>, 2023  
Wednesday April 12<sup>th</sup>, 2023  
Friday August 18<sup>th</sup>, 2023  
Friday September 8<sup>th</sup>, 2023  
Thursday October 10<sup>th</sup>, 2023  
Thursday November 9<sup>th</sup>, 2023  
Thursday February 1<sup>st</sup>, 2024

### 2. Student Chapter Membership

Number of Student Chapter Members: 58  
Number of Student Members of Institute: 12  
Number of Students Eligible to be Student Members of the Institute: 58  
Number of Faculty Members who are Current ITE Members: 5

### 3. Information on Transportation Engineering Enrollment

Number of Undergraduate Students in Civil & Environmental Engineering: 309  
Does Curriculum Allow Undergraduate Students to Major or Minor in Transportation? No  
Number of Graduate Students in Transportation Engineering: 32



## A Letter from Leadership

We are thrilled to submit the 2023-2024 Annual Report on behalf of the UMass Amherst Institute of Transportation Engineers Student Chapter. Over the past year, we have been passionate about sharing our love for Transportation with students, professionals, peers, and beyond. Our events have included professional development sessions, service and voluntary activities, K-12 outreach programs, social gatherings, joint events with other chapters, game nights, and most importantly participation in scholarly competitions.

Since receiving the Student Chapter Award from the Northeastern District of ITE in 2023, our aim has been to sustain this momentum through a diverse array of events and by welcoming new students. To fulfill our aim, we made it a priority to engage both graduate and undergraduate students through the UMass Joint Transportation Organization (JTO). The success of JTO has streamlined our efforts, allowing us to host ITE & WTS events and serve as a central hub for transportation-related activities. This consolidation has significantly enhanced our resources, expanded our professional network, and bolstered our achievements. In the past year alone, we have organized over 25 events, attended numerous others, and actively collaborated with ITE, MassDOT, and other institutions.

We are grateful to our advisors, Dr. Michael Knodler, Dr. Eleni Christofa, and Dr. Francis Tainter, for their invaluable support, guidance, and encouragement. Their expertise and mentorship have been instrumental in our success. We would like to extend our sincere thanks for their unwavering dedication to our growth and development. We hope you enjoy reading our Annual Report and gaining insight into our achievements over the past year!

Sincerely,  
UMass Amherst ITE





## Meetings and Events

### Meeting #1

**Title:** Trip Generation Traffic Count  
**Date, Location:** March 3, 2023 (Dunkin Donuts, Amherst, MA)  
**Type:** Training/Professional Development  
**Description:** Students gathered AM and PM traffic count data for vehicles entering and exiting at two Dunkin Donuts locations.

### Meeting #2

**Title:** General Body Meeting (March)  
**Date, Location:** March 22, 2023 (Marston Hall, Amherst, MA)  
**Type:** Chapter Administration & Application of Technical Knowledge  
**Description:** During this GBM we gave a semester events overview, talked about the Sandbox Competition, and signed up for ITE Trip Generation data collection!

### Meeting #3

**Title:** Lifesavers Conference  
**Date, Location:** April 3, 2023 (Seattle, WA)  
**Type:** Networking Events  
**Description:** JTO members attended the Lifesavers Conference and were selected as Traffic Safety Scholars.

### Meeting #4

**Title:** ITE Northeast District Traffic Bowl  
**Date, Location:** April 13, 2023 (Marcus Hall, Amherst, MA)  
**Type:** Application of Technical Knowledge  
**Description:** We hosted the Northeast District Traffic Bowl in Amherst, taking on NYU and the University of Buffalo. Congrats to NYU!

### Meeting #5

**Title:** William W. Boyer Lecture  
**Date, Location:** April 13, 2023 (Goodell Hall, Amherst, MA)  
**Type:** Professional Development  
**Description:** JTO hosted the Boyer Lecture, where alumni Curt Harrington spoke about automated vehicles and his time as a systems engineering manager at Cruise.

### Meeting #6

**Title:** MassDOT Transportation Innovation Conference  
**Date, Location:** May 2-3, 2023 (Worcester, MA)  
**Type:** Professional Development & Networking & Volunteer  
**Description:** Many members attended and worked at the conference. In their free time, students attended technical sessions, social events, and check out the technology in the exhibit hall.

### Meeting #7

**Title:** WooSox Game  
**Date, Location:** May 2, 2023 (Worcester, MA)  
**Type:** Networking  
**Description:** Between the MassDOT Innovation conference days, students had the opportunity to attend a WooSox game!





## Meetings and Events



### Meeting #8

**Title:** Northeastern District ITE Meeting

**Date, Location:** May 10-12, 2023 (Burlington, VT)

**Type:** Application of Technical Knowledge

**Description:** Students attended and presented at the Northeastern District ITE Meeting.

### Meeting #9

**Title:** Masters Graduation Ceremony

**Date, Location:** May 12, 2023 (Amherst, MA)

**Type:** Chapter Bonding

**Description:** Three of our master's students graduated!

### Meeting #10

**Title:** WTS-Boston Awards Banquet

**Date, Location:** June 6, 2023 (Cambridge, MA)

**Type:** Networking

**Description:** Members attended the awards banquet in Cambridge! Congrats Angelina and Fay for nominations and awards!

### Meeting #11

**Title:** SENEITE Red Sox Game

**Date, Location:** August 10, 2023 (Boston, MA)

**Type:** Networking

**Description:** We joined other SENEITE members for a Red Sox Game!

### Meeting #12

**Title:** ITE International Annual Meeting and Exhibition

**Date, Location:** August 13-16, 2023 (Portland, OR)

**Type:** Application of Technical Knowledge

**Description:** Ten UMass students attended, many of which presented posters or competed in various competitions! They enjoyed attending technical sessions, walking around the exhibit hall, and meeting other students and professionals. Our members were finalists in the Transportation Technology Tournament and the Sandbox Competition!

### Meeting #13

**Title:** Tabling in Engineering Quad

**Date, Location:** September 12, 2023 (Amherst, MA)

**Type:** New Member Recruitment

**Description:** Current JTO members helped advertise our club and its activities to incoming students.

### Meeting #14

**Title:** General Body Meeting (September)

**Date, Location:** September 13, 2023 (Amherst, MA)

**Type:** Chapter Administration

**Description:** Students came to learn about JTO and what we have planned for the semester, while enjoying pizza. We also started work on the ATSSA TCD Challenge!



## Meetings and Events

### Meeting #15

**Title:** WTS Joint Event at Northeastern

**Date, Location:** September 25, 2023 (Northeastern University, Boston, MA)

**Type:** Networking

**Description:** A quick trip to Boston to listen to a panel of four engineers at Northeastern University. They engaged with professionals from MassDOT, AECOM, U.S. Army Corps of Engineers, and a professor at Harvard.

### Meeting #16

**Title:** White Lion Social

**Date, Location:** September 29, 2023 (White Lion, Amherst, MA)

**Type:** Networking & Social

**Description:** JTO found a new happy hour spot at White Lion where we enjoyed wings and beer!

### Meeting #17

**Title:** Moving Together Conference

**Date, Location:** October 4, 2023 (Boston, MA)

**Type:** Professional Development, Networking & Volunteer

**Description:** Made possible by the plethora of student volunteers, JTO and UMass students volunteered, networked, and learned about micro mobility work from around the Commonwealth.

### Meeting #18

**Title:** SENEITE Meeting

**Date, Location:** October 19, 2023 (Waltham, MA)

**Type:** Networking

**Description:** A quick trip to Waltham, MA to celebrate Tanvir's success of receiving the Desjardin Scholarship and to network with ITE professionals.

### Meeting #19

**Title:** 21<sup>st</sup> Annual Technical Day

**Date, Location:** October 24, 2023 (Amherst, MA)

**Type:** Professional Development & Networking

**Description:** After months of planning and preparation, we successfully brought back the long-awaited Tech Day which had over 80 attendees! Special thanks to ATSSA for pairing their annual meeting with this event.

### Meeting #20

**Title:** WTS Seminar Event

**Date, Location:** November 10, 2023 (Marcus Hall, Amherst, MA)

**Type:** Professional Development & Networking

**Description:** Sarah Kim joined us to talk about her early career as a structural engineer!

### Meeting #21

**Title:** Transportation Infrastructure Resilience Summit

**Date, Location:** November 14, 2023 (Engineering Lab 2, Amherst, MA)

**Type:** Training & Professional Development

**Description:** Students were bribed with Chipotle to come and listen to conversations about making transportation infrastructure more resilient.





## Meetings and Events



### Meeting #22

**Title:** Hike at Mount Norwottuck

**Date, Location:** November 19, 2023 (Amherst, MA)

**Type:** Networking & Social

**Description:** Members came together for a weekend hike before Thanksgiving break.

### Meeting #23

**Title:** UMass Transportation Center Holiday Party

**Date, Location:** December 15, 2023 (Chicopee, MA)

**Type:** Networking & Field Trip

**Description:** We participated in a gift swap and enjoyed holiday activities with the UMass Transportation Center.



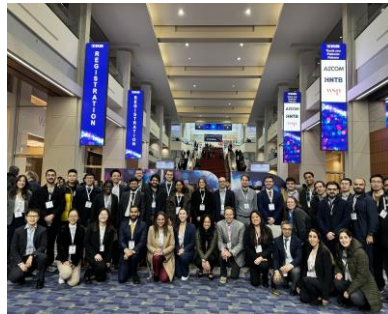
### Meeting #24

**Title:** Volunteering at Amherst Survival Center

**Date, Location:** December 18, 2023 (Amherst, MA)

**Type:** Volunteer

**Description:** JTO students helped to unload the incoming delivery truck at the Amherst Survival Center and then enjoyed some appetizers at Garcia's!



### Meeting #25

**Title:** TRB Annual Meeting & ITE Student Reception

**Date, Location:** January 7-11, 2024 (Washington, DC)

**Type:** Networking & Professional Development

**Description:** UMass student ITE members participated in the annual meeting social event, discussing future visions for ITE and connecting with students from other schools. It's always a competition to see how big we can make the annual TRB UMass alumni photo-op every year.



### Meeting #26

**Title:** Transportation/Structural Seminar Lunch

**Date, Location:** February 23, 2024 (Marcus Hall, Amherst, MA)

**Type:** Networking & Professional Development

**Description:** Our weekly seminar lunch was combined with the structural seminar.



2024 ITE Student Reception  
WASHINGTON D.C.  
#ITESTUDENTRECEPTION2024

### Meeting #27

**Title:** White Lion Social & UMass Hockey Game

**Date, Location:** February 23, 2024

**Type:** Networking & Social

**Description:** More beer and wings before we headed over to see UMass beat UNH 3-2. Go UMass!



### Meeting #28

**Title:** General Body Meeting (February)

**Date, Location:** February 28, 2024 (Marston Hall, Amherst, MA)

**Type:** Chapter Administration & Application of Technical Knowledge

**Description:** Getting back to normal semester operations, JTO students played games and ate yummy pizza!