



University of Texas at Arlington-ITE Student Chapter Annual Report

2017-2018

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UTA-ITE Student Chapter Message

The University of Texas at Arlington Institute of Transportation Engineers Student Chapter is pleased to present the annual report of 2017-2018 academic year. During 2017-2018 academic year, our student chapter provided different opportunities to get involved with ITE. The most important of them include conference support, monthly meetings, and field trips to new technology site. We also teamed up with two other organizations, Women Transportation Seminar (WTS) and Center of Transportation Equity, Decisions and Dollars (CTEDD) for different events which will be discussed in details. ITE supported its students with travel awards to conferences such as TexITE meetings in San Marcos and Keystone (Colorado), the National Institute of Transportation and Communities seminar in Portland (Oregon), and TRB 2018 in Washington DC.

We would like to express our sincere thanks to Dr. Stephen Mattingly, faculty adviser of UTA-ITE chapter and also Dr. Jim Williams for their always gracious support and kind encouraging.

STUDENT CHAPTER OFFICERS

President: Sheida Khademi

Vice President: Saeed Reza Ramezanpour Nargesi

Treasurer: Farah Naz

STUDENT CHAPTER MEMBERSHIP

Number of Student Chapter members: 130

Number of Student members of Institute: 130

Number of Students eligible to be a Student member of the Institute: 130

Number of faculty members who are current ITE members: 3

INFORMATION ON UTA TRANSPORTATION ENGINEERING ENROLLMENT

Number of undergraduate students (sophomore - senior years) in your academic department:

If not Civil Engineering, specify department:

Full time: 400 (sophomores, juniors, seniors)

Part time: students are not enumerated as part time or full time

Does your curriculum allow an undergraduate student to major or minor in Transportation?

Yes

No

If "Yes," give number of transportation majors _____ and minors _____

Number of graduate students in Transportation.

Full time: 25 Part time: students are not enumerated as part time or full time

SUMMARY OF STUDENT CHAPTER ACTIVITIES

In 2017-2018 academic year we provided different opportunities for students to be involved in UTA-ITE Student Chapter. These Activities include monthly meetings, field trips, seminars, conferences travel awards and co-hosted events with WTS and CTEDD at UTA. We present these activities in detail. Figures related to each event are brought under the description of that event.

Public Transportation Forum, Arlington

The ITE student chapter at the University of Texas at Arlington held a lively meeting on May 25th, 2017, to discuss the transportation needs in the city of Arlington. The debate was held among four individuals. Mayor of Arlington, Jeff Williams, UTA professor Siamak Ardekani and businessman Buddy Saunders exchanged views on the benefits and shortcomings of public transit in Arlington. The views included both a positive and negative attitude toward expanding the public transportation by use of buses and driverless vehicles. Many factors such as the effect of public transit on businesses in Arlington, the future population of the city, the difficulty that exists for blue collar workforce due to the dependence on private cars and more expensive options such as Uber and Lyft came into this discussion. At several points during the interview the audience was asked to share their opinion by a show of hands. the EZ Mile EZ10 was a particularly interesting part in this debate since subjects such as efficiency and cost of it were discussed. It might be interesting to mention that the majority of the audience seemed eager to give this new technology a try.



THE ARLINGTON MAY 25 - 6 P.M.
Public Transportation Forum



PRESENTED BY

ArlingtonVoice
DAILY, DIGITAL NEWS FOR ARLINGTON, TX

ite
Institute of Transportation Engineers

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ENGINEERING AND SURVEYING
Established 1953

UTA LONE STAR THEATER, 500 W. NEDDERMAN, 76013

FEATURING
**Mayor Jeff Williams | Dr. Saimak Ardekani | Buddy Saunders
Mark Joeckel | Zack Maxwell**

JOIN US IN A DISCUSSION ABOUT PUBLIC TRANSPORTATION IN ARLINGTON --
BOTH CURRENT AND FUTURE OPPORTUNITIES



TexITE Fall meeting, San Marcos, TX

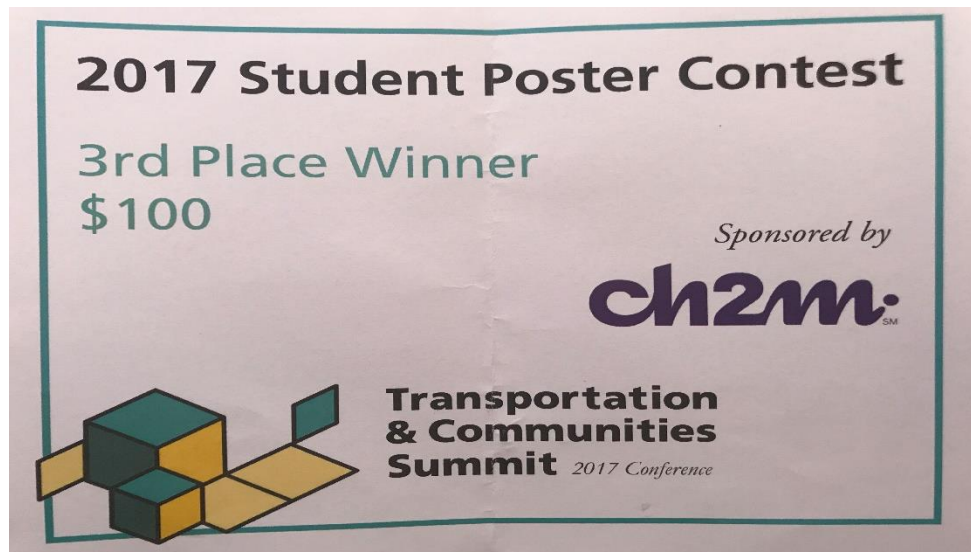
We, as officers of the ITE student chapter, organized the trip to the beautiful city of San Marcos to attend the fall meeting of TexITE. This meeting took place on September 6th-8th, 2017, at the Embassy Suites San Marcos Hotel. Our PhD students attended technical sessions, a social night and a poster session which were truly advantageous for us due to the fact that we had the opportunity to talk to a number of professionals in the field of transportation engineering and also students from other universities. It is good to mention that our ITE student chapter fully supported all the attending students with the help of the District's travel support.



NITC Summit Leadership, Portland, OR

UTA ITE is part of a NITC center at UTA since we are collaborating with them on a number of national projects. The center sent four of our PhD students to the NITC summit. This meeting took place in Portland, Oregon, September 11th-12th, 2017, and included a great number of workshops and breakout sessions, which were attended by our students, along with a reception. In addition, there were poster presentations by students and faculty. We presented four posters and received first and third place. Overall, our members had a great opportunity to communicate and network with scholars and students from other universities, and find out what research was being conducted at other schools in the NITC program.





Monthly Meeting, Speaker: Tim Huya

On October 18th, 2017, we held a monthly meeting where our invited guest speaker was Mr. Tim Huya from BNSF. Tim Huya is a Manager of Public Projects for the BNSF Railway Company for the states of Louisiana, Mississippi, and Texas. The topic of his presentation was “Construction Projects near Railroad Tracks” which was intriguing to all students and provided them with the opportunity to talk to a professional civil engineer. More than 20 students attended this very interesting talk.



Milo Shuttle activity

The ITE student chapter at UTA arranged a one day trip on November 10th, 2017, to provide an opportunity for students to experience the driverless shuttle operated by the City of Arlington. The project manager from the City of Arlington presented the details and features of the autonomous vehicle which included routes, vehicle specifications, and maintenance considerations. It was a very unique and interesting experience to all members. We arranged this trip in association with WTS. Around 25 students took part in this trip.



TRB 2018, Washington, DC

We are pleased to announce that the ITE student chapter at UTA supported more than ten students to attend the annual TRB meeting. UTA students from Civil Engineering, Social Work, and Urban Planning attended the meeting. The students attended many technical sessions, poster sessions, committee meetings and receptions in this gathering. The outcome was of great value to these students since they got to attend meetings regarding funded projects or subjects related to their dissertation topics. They also became familiar with the ongoing research in different areas of transportation engineering. It might be interesting to know that this meeting included more than 5000 presentations in almost 800 sessions.



Bowling Night

For a fun gathering, we had a bowling night on February 13, 2018. The objective was to create a networking night where members had a chance to get to know one another better. We would like to say that this activity was also funded by the ITE student chapter.



Sustainable Transportation Seminar

The UTA-ITE student chapter hosted the POLARIS 2018 Sustainable Transportation Seminar on February 26, 2018. This seminar included four presentation about low speed vehicles, the use of these vehicles and the cost benefit analysis of using this kind of vehicle. There was also a chance for students and other attendees to test their low speed vehicle around the campus. It was a great opportunity for all of us to get familiar with this technology.



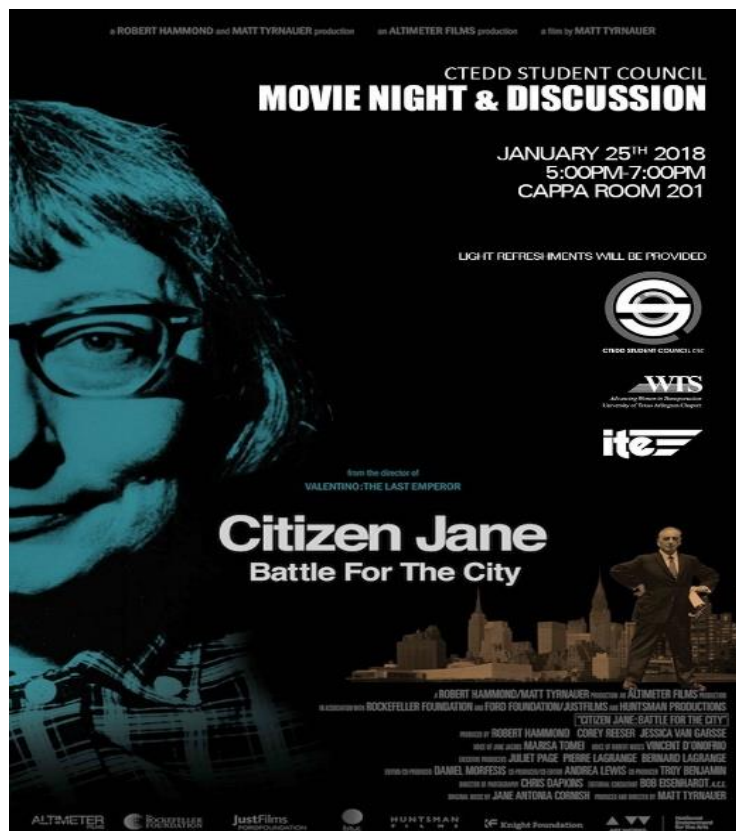


NEXT ITE meeting

There will be joint TexITE and Western ITE meeting in Keystone, Colorado, on the 24th through the 27th of June 2018. We have invited PhD students from Social Work and Urban Planning along with ITE members (from Civil Engineering) to attend this meeting. Any student whose poster or presentation is accepted by the conference will be awarded a travel scholarship. To date, more than five abstracts have been submitted for technical and poster presentation sessions. In addition, we are training our team to compete in the traffic bowl.

Co-hosted events

We have cohosted a number of events in collaboration with two other student organizations at UTA: CTEDD and WTS. We consider this a great opportunity for members of these three organizations to get to know each other. Here are the fliers of co-hosted events:



| Movie Night, Jan 25, 2018

CENTER FOR TRANSPORTATION EQUITY, DECISIONS AND DOLLARS **CTEDD**

Presenter:
Norman L. Hogue, PE
(Senior Traffic Engineer)

Experienced Senior Traffic Engineer with a demonstrated history of working in the civil engineering industry. Skilled in AutoCAD/Microstation, Traffic Engineering, Software, Public Presentations, and communication, and technical memorandum. Over 15 year of Traffic Engineering Experience in both the public and private sectors. Projects include evaluation of the appropriate intersection control, Institutional and Land Development, Roadway and Highway designs, and various types of Traffic Operational/Planning Level Studies. Strong operation experience with a BS and ME focused in Civil Engineering, Traffic Operations from Texas A&M University. Currently serving his community as an elected councilmember.

CTEDD STUDENT COUNCIL (CSC)

Roundabouts: Where We Are And Future

15 FEB 2018
05:00pm-07:00pm
UTA CAPPA 201

Event Detail & Membership
<https://ctedd.uta.edu/csc-info/>

CTEDD STUDENT COUNCIL CSC
in partnership with:


Advancing Women in Transportation
University of Texas Arlington Chapter

Mini Lecture- Feb 15, 2018

RESEARCH LAB CLOSE SHOT



Unmanned Aerial vehicles



Human Robot Interaction



Manufacturing Automation

UTARI RESEARCH LABS

(10:00AM-12:00PM) 19 January, 2018
7300 Jack Newell Blvd S, Fort Worth

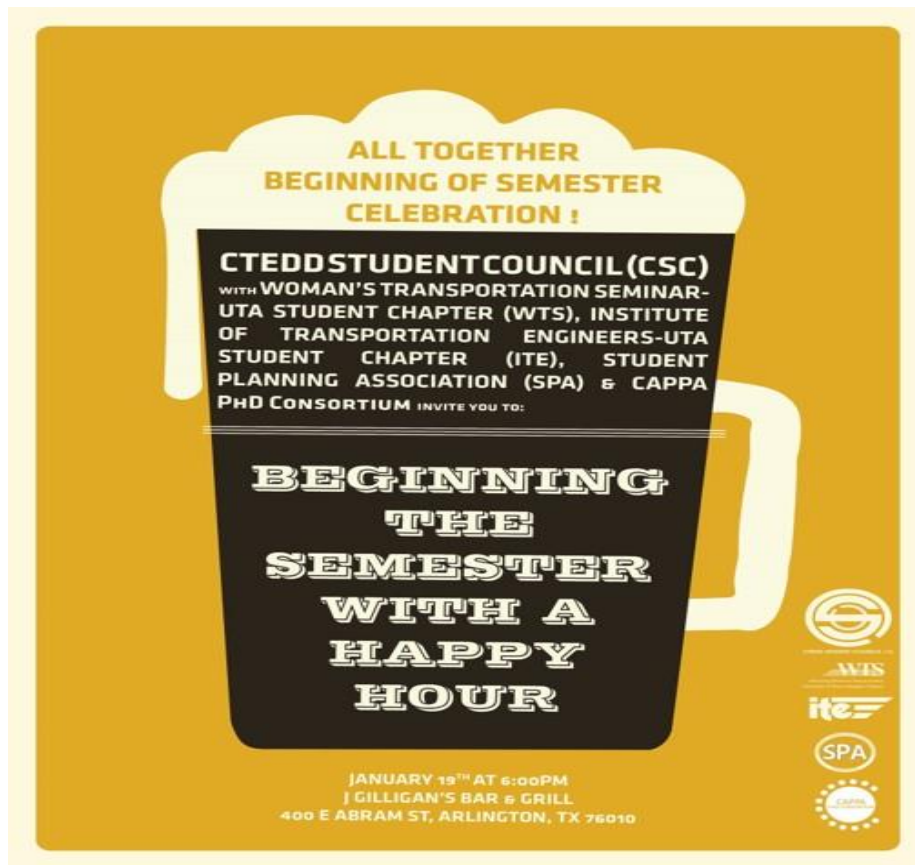
Contact:

Email: Surya.congress@mavs.uta.edu

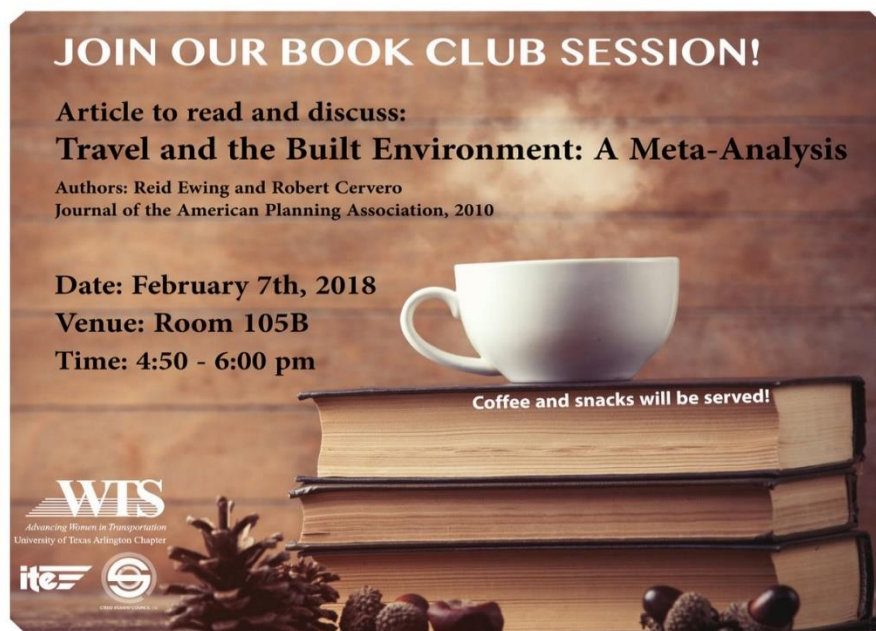


ORGANIZED BY
CTEDD STUDENT COUNCIL

Research Lab Close Shot- Jan 19, 2018



Happy Hour- Jan 19, 2018



Book Club- Feb 7, 2018

Award Recipients

National Institute of Transportation and Communities (NITC) awarded fellowships to our undergraduate and graduate students in order to encourage and support them to pursue their graduate research in transportation.

Name	Classification	Area	Faculty	Type of Award	Topic
Alex Cremeans	BS	CE	Mattingly	NITC Fellowship	Factors and Metrics contributing to sprawl direction and rate
Maria Frias	BS	CE	Williams	NITC Fellowship	Access to Opportunities for Disadvantaged
Kris Hohn	Ph.D.	SW	Cronley	NITC Fellowship	Social Determinant of Health and Transportation Inequities
Craig Keaton	MS	SW	Cronley & Fields	NITC Fellowship	Health and Transportation in Older Adults
Golnaz Keshavarzihaghighi	Ph.D.	Plan	Anjomani	NITC Fellowship	Walking in Smart City
Carlye Lide	ME	CE	Williams	NITC Fellowship	Public perception of transportation service
Mary McCoy	Ph.D.	SW	Cronley	NITC Fellowship	MyAmble
Vivian Miller	Ph.D.	SW	Fields	NITC Fellowship	Transportation barriers to family involvement and social connectivity in LTC
Erin Roark Murphy	Ph.D.	SW	Cronley	NITC Fellowship	Transportation and Homelessness
Rupal Parekh	Ph.D.	SW	Fields	NITC Fellowship	Indian Late-life immigration: impacts of transportation changes
Nick Sopko	BS	CE	Mattingly	NITC Fellowship	Access to Opportunities for Disadvantaged
Sheida Khademi	Ph.D.	CE	Mattingly	TexITE, Dallas section scholarship	N/A

Moreover, our president of ITE student chapter, Sheida Khademi received WTS graduate scholarship, TexITE Dallas fellowship and TexITE scholarship over the 2017-2018 academic year.



ROSTER OF UTA-ITESTUDENT CHAPTER MEMBERS

Our ITE student chapter includes 130 members which are listed below.

Number	FirstName	Last.Name	Status	Position	E-mail.Address
1	bahram	abediniangerabi	Graduate		bahram.abediniangerabi@mavs.uta.edu
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5	soria	adibi	Undergraduate		soria.adibi@mavs.uta.edu
6	ammar	alalkimalzaabi	Graduate		ammar.alalkimalzaabi@mavs.uta.edu
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49	anil	kaphle	Graduate		anil.kaphle@mavs.uta.edu
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127	ayushkar	dubey	Grad		ayushkar.dubey@mavs.uta.edu
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129	Feng	Hao	Grad		feng.hao@mavs.uta.edu
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Date: February 27th, 2018

