INSTITUTE OF TRANSPORTATION ENGINEERS





Texas A&M University Student Chapter 2013 – 2014 Annual Report Submitted: April 1, 2014



Annual Report of Student Chapter Activities 2013-2014

1. STUDENT CHAPTER OFFICERS

President: Yanfen Zhou	Membership Sec.: Lingtao Wu	
VP for Technical Activities: Sukrit Narula	Treasurer: Chi-Hao Yuan	
VP for Outreach: Neil Going	Public Relations Dir.: Sarang Vasishth	
Corresponding Sec.: Prathyusha Vangala	Office Manager: Kaitlynn Dione Simmons	

Webmaster: Hemamalini Nagarajan

2. STUDENT CHAPTER MEMBERSHIP

Number of Student Chapter members: 49

Number of Student members of the Institute: 36

Number of Students eligible to be a Student member of the Institute: 49

Number of faculty members who are current ITE members: 5

3. INFORMATION ON TRANSPORTATION ENGINEERING ENROLLMENT

Number of undergraduate students (Sophomore-Senior years) in Civil Engineering Department:

Full-Time: **629** Part-Time: **49**

Does your curriculum allow an undergraduate student to major or minor in Transportation? Yes, Number of Graduate Students in Transportation:

Full-Time: 46

Part-Time: 7

4. STUDENT CHAPTER ACTIVITIES SUMMARY—See attached report for summary

5. ROSTER OF STUDENT CHAPTER MEMBERS—See attached roster at end of report

Report Submitted by:

Yantir

Yanfen Zhou, TAMUite Chapter President Phone: (541) 331-8025 E-Mail: yanfen816@gmail.com Date: March 31, 2014

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Contents Approved by:

Dr. Dominique Lord, Chapter Advisor Phone: (979) 458-3949 E-Mail: d-lord@tamu.edu Date: March 31, 2014



A Message from the President

Howdy! The Texas A&M University Institute of Transportation Engineers Student Chapter (TAMUite) is pleased to submit our Annual Report for the 2013-2014 school year. By the numbers, it marked another very busy yet exciting year for TAMUite: hosted 11 technical meetings; successfully completed various traffic studies involving 264 person-hours; volunteered 103 person-hours for the trip generation study for ITE; gave 209 hours of service to the community; and provided three field trips to transportation facilities, numerous social and networking opportunities to our members. The numbers of student chapter members and student members of the Institute have been increased by 11% and 24%, respectively. Among the highlights from the last year:

- Won the 2013 TexITE Traffic Bowl Competition
- Competed at the 2013 International Competition in Boston, MA
- Named 2012-2013 "Student Chapter of the Year" by the Texas District of ITE
- ITE leadership (Ms. Susan Langdon, vice-president of TexITE and Mr. Robert Wunderlich, past ITE International President) visited the chapter
- Shelly Row, president of Shelley Row Associates LLC and former director of the ITS Joint Program Office at the USDOT, visited the chapter
- Organized career development workshop and transportation software training class
- Had strong presence at national and state professional conferences

Over the past year, our chapter has achieved many successes. 2014 has been and will continue to be a great year. As the chapter president, I plan to further our efforts to ensure that any Texas A&M student with an interest in transportation is connected with TAMUite and provide a harbor for transportation engineering students to learn, serve, and grow.

I would like to thank Past-President **Xiaosi Zeng** for his leadership during the calendar year of 2013, TAMUite Faculty Advisor Dr. Dominique Lord for his continued guidance and support, all of my supportive fellow officers and all the TAMUite members for their enthusiastic participation in Chapter activities, which makes TAMUite the great organization that it is. Our chapter members are particularly thankful to the Zachry Department of Civil Engineering and TexITE for their generous financial support of our organization. On behalf of TAMUite, I thank y'all. TAMUite is striving for excellence, fostering academic and personal growth, and promoting the transportation profession. I hope that you enjoy reading this report. Thanks, and Gig 'Em!

Yanfen Zhou

Yantir

President, Texas A&M University ITE Student Chapter president@ite.tamu.edu



STUDENT CHAPTER MEETINGS

Business Officer Meetings

- May 14, 2013: Planning for Two Summer Social Events and Field Trips
- Aug 20, 2013: Fall Semester Events and TexITE Meeting Planning
- Nov 05, 2013: Open Discussion and Planning for Officers Election
- Jan 22, 2014: Spring Semester Events Planning
- Feb 5, 2014: Planning for Field Trips, Traffic Count Projects and Synchro Training
- Feb 25, 2014: Planning for Chapter Annual Report and Assignments
- Mar 25, 2014: Meeting with Treasures for Budget Planning

Guest Speaker Meetings

Apr 2, 2013: Mr. Michael Zientek and Ms. Angie Stoddard, HNTB

Mr. Zientek and Ms. Stoddard from HNTB Corporation spoke with TAMUite members about the multi-billion US 290 Reconstruction project. They gave a presentation on a general overview of the project and provided examples of how to manage such a large-scale construction project while minimizing its impacts on local traffic flows.

May 28, 2013: Dr. Joseph D. Blaschke, D. Eng., P.E., Transportation Engineering Analysts

How will you make your career choice? As future transportation engineers, many of our members may ask themselves. Dr. Blaschke from Transportation Engineering Analysts talked to us on the topic "Career choices as an engineer: what to expect in the real-world". Dr. Blaschke shared with the chapter with the experiences and the lessons he learned from the public and the private sectors, the academia as well as the research environment.

Jun 18, 2013: Ms. Melanie White, COMS, Weatherford, TX

According to the World Health Organization, 285 million people are estimated to be visually impaired worldwide. How should we design traffic facilities to accommodate this group of people? In a fascinating presentation given by Ms. White, the chapter members learned about the challenges engineers face for accommodating road users with visual impairments in designing traffic infrastructure. She provided very useful tools for helping engineers in improving their designs for visually impaired road users.









Jul 9, 2013: Mr. Cameron L. Williams and Ms. Elizabeth C. Crowe, Walter P Moore

Mr. Williams and Ms. Crowe from Walter P Moore visited our chapter and gave a presentation on Engineering Judgment. They showed our members several traffic engineering case studies and provided us insights on how engineering judgment can be used in the real-world situations that are often not taught in a classroom environment.

Sep 10, 2013: Mr. Michael Parks, Assistant Executive Director of Brazos Valley Council of Governments

To introduce TAMUite member to some future roles of high-speed rail, TAMUite invited Mr. Parks, the Assistant Executive Director of the Brazos Valley Council of Governments, to give a speech on the status and future development of Texas's high-speed rail project, known as the Texas T-Bone, as well as its impact on the Brazos Valley.

Oct 22, 2013: Ms. Shelley Row, P.E., PTOE, MBA, president of Shelley Row Associates LLC, former director of the ITS Joint Program Office at the USDOT

Connected vehicle is a hot topic, and it is considered to be the future of transportation. To provide students the background of connected vehicles, TAMUite had the opportunity to hear from Ms. Row, President and CEO of Shelley Row Associates LLC, former director of the ITS Joint Program Office at the U.S. Department of Transportation (USDOT). She has 30-year distinguished transportation career in transportation, and she is widely known expert in transportation programs, management, and intelligent transportation systems (ITS). Ms. Row presented the newest technology

and the latest development of the connected vehicle initiative and what we as the next generation professionals need to be prepared for.

Nov 12, 2013: Dr. Chris Poe, Ph.D., P.E., Assistant Director at Texas A&M Transportation Institute (TTI)

In order to introduce the students to the topic of Integrated Corridor Management, the ITE student chapter of TAMU has invited Dr. Chris Poe, the assistant agency director of TTI, to contribute to the various topics covered at general meetings. During the meeting, Dr. Poe discussed the implementation of Integrated Corridor Management and its potential applications in the future.











Dec 11, 2013: Mr. Anthony Voigt, program manager for TTI Houston Research and Implementation office

TAMUite had the opportunity to listen to Mr. Anthony Voigt, who spoke about the development of ITS solutions for Hurricane evacuation in Texas. Mr. Anthony is the program manager for TTI Houston Research and Implementation office. During the meeting, Mr. Anthony Voigt talked about the technologies that have been used for improving evacuation planning and execution for events, such as Rita and Ike.

Jan 27, 2014: Mr. Shawn Turner, P.E., Senior Research Engineer and Division Head at TTI

Mr. Shawn Turner, a leading expert in performance measures and monitoring, traffic data collection and data qualify gave the chapter members a presentation entitled "Transportation Data in 2020". His years of experience has offered us valuable insights at what might be possible with collecting and using transportation data to optimize transportation systems and make better transportation investment decisions.

Feb 25, 2014: Ms. Susan Langdon, P.E., PTOE, president of Savant Group Inc. and vice-president of TexITE

TAMUite was honored to invite Ms. Susan Langdon, president of Savant Group Inc. and Vice-President of TexITE to talk about her recent study on "Campbell Road Signal Timing: Comparison of Engineered Plans and In-Sync Adaptive". As an industry expert with over 23 years of experience, Ms. Langdon enriched us with her knowledge on signal design and timing. Ms. Langdon also gave our members updates from TexITE leadership.

Mar 25, 2014: Mr. Robert Wunderlich, director of Center for Transportation Safety at TTI, former ITE International President

TAMUite was thrilled to have invited Mr. Robert Wunderlich to talk to us on "It's All About the Traveler: A unified theory for transportation engineering". It was a very energetic, interactive and entertaining presentation discussing an overarching principle to design and operate transportation facilities. Mr. Wunderlich shared his 30+ years of professional experience with us and gave us lots of invaluable career advice. Mr. Wunderlich is a past ITE international president and was named the Transportation Engi-

neer of the Year by the Texas District of ITE in 2007. During the meeting, he also shared his ITE leadership experiences with our members and encouraged us to stay involved with ITE.









TECHNICAL PROJECTS

Turning Movement Count (Fundraiser)

In November 2013 and March 2014, TAMUite successfully completed three traffic count projects for Traffic Engineering Analysts, HDR Engeering Inc. and TTI. A total of 24 members per-

formed turning movement counts for 15 intersections in College Station, TX during morning, afternoon and evening peak periods. The project involved 264 person hours including logistics, safety training, data collection and data reduction. The undergraduate members who had never used JAMAR counters were trained on the counting protocol, after which they would be able to use it for their own in-class projects (CVEN 307 and 457). This was a major fundraiser project for TAMUite, the funds from which are used to pay for the travel/accommodation/food expenses during various field trips and conferences for the members.



ITE Trip Generation (Fundraiser)

In support of the call for proposals issued by the Coordinating Council and the Parking Council of ITE, the chapter submitted a proposal and a detailed plan to collect trip and parking generation data at the George Bush Presidential Library and Museum. This ongoing data collection effort is expected to be completed in early April, which will tally a total of 103 volunteering hours from a period of 3 weekdays and 2 weekend days. This project provides our members with valuable project development, execution, field data collection as well as data reduction experiences, and it also gives our Student



Chapter the opportunity to reach out to those students that are interested in transportation, but are not ITE members. 100% of the \$1000 funds from ITE will be used to support chapter activities, including travel to the ITE annual meeting.

MEETINGS AND CONFERENCES

International ITE Annual Meeting at Boston, MA

In August 2013, the chapter cosponsored seven chapter members to attend the International ITE Annual Meeting in Boston, MA. It was a unique opportunity to network with members of other ITE student chapters, and to hear from ITE International leadership.



The chapter's Traffic Bowl team participated in the International Traffic Bowl competition with nine other teams. Our team gave tough competition to their peers but were finally eliminated in the first round. All students actively engaged in a variety of events at the conference, such as technical presentations, product exhibits, and tours such as the Freedom Trail and Duck Tour, to explore the beautiful city of Boston. Texas A&M University was well represented by all participants from our chapter.



Texas District Semi-Annual ITE Meeting at Clear Lake, TX

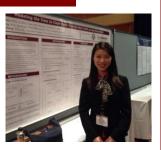
Twenty TAMUite members visited Clear Lake from Sept 26 to 27 for the semi-annual ITE meeting of the Texas district. The students actively participated in the NASA tour on the first day (learning about the latest technologies and facilities NASA had to offer), multiple breakout sessions in the conference (involving topics ranging from the data collection devices to dilemma zone remedies) and poster sessions (which involved several TAMUite members). Chapter members took this opportunity to learn more and to socialize with professionals by actively attending conference sessions and social events. During the meeting, TAMUite received the plaque of the best



Texas Student chapter award for 2013. Past President David Zeng and past VP-tech Brad Brimley won the 2nd and 3rd best student paper awards respectively in the Texas ITE district. Additionally, the TAMUite traffic bowl team that won the last traffic bowl was felicitated during the closing luncheon of the conference.

Transportation Research Board Annual Meeting

Twelve TAMUite members attended the TRB 93rd Annual meeting in Washington, DC from Jan 12-16, 2014. Members had the opportunity to learn from peers and professionals from a variety of transportation disciplines, as well as to build up networks. Our chapter had a strong presence at this conference with each member in attendance presenting at least one poster/presentation to show his or her research work.

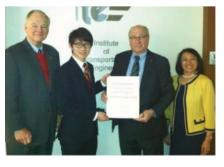




2014 ITE Student Reception

TAMUite members enjoyed networking and socializing with peers and ITE International Board of Directors at the ITE student reception hosted at the ITE headquarters in Washington, D.C.

during the TRB Annual Meeting in January 2014. ITE International President W. Hibbett Neel Jr. encouraged students to continue their involvement with ITE activities. Abby Morgan shared her experiences on the transition from a student to a federal employee. At the reception, ITE also shared a video of the Jinan Foreign Language School's Transportation Club, where high school students learn about transportation technologies.



FIELD TRIPS

Driving Simulation Lab

On Apr 25, 2013, ten TAMUite members visited the Emerging Technologies Building in the Department of Industrial and Systems Engineering of Texas A&M University where they took a

tour of the driving simulator lab, which is a center for a lot of studies that are carried out on driver performance while doing attention-related tasks. After the tour, chapter members then met with research assistants from this lab. As transportation engineering is a multidisciplinary field of study, this field trip provided our chapter members a great opportunity to learn about transportation-related research work in other departments and share knowledge with them.



Crash Testing Facilities at TTI Riverside

On Jun 21, 2013, fourteen TAMUite members viewed a fullscale vehicle crash test on the runways near the Highway 47 and 21 merger at the crash testing facility of Texas A&M Transportation Institute Riverside campus. In addition to the crash test, the members were also given an overview of the crash testing methods and analysis techniques.





FedEx Express Facilities

On Oct 11, 2013, fifteen TAMUite members toured the Fedex logistics service and maintenance facilities at the George Bush George Bush Intercontinental Airport (IAH). It was a great opportunity to learn how cargo and parcels were classified on the basis of importance/fragility and transported overnight. It was exciting to tour the inside of the cargo airplane and interact with the security and maintenance personnel.



United Airlines Maintenance Centre

Jeff Kelley, the Commercial Development Manager for the Houston Airport System was kind enough to give tours of the United Airlines Maintenance facilities to 15 TAMUite members on Oct 11, 2013. The members were also able to board the "Boeing 787 Dreamliner" which was a fantastic opportunity since this airplane is considered to be the "game changer" in the aviation and logistics industry. The members were able to interact with other officials from the IAH and United Airlines to talk about the future development of the airport and airlines.

TxDOT San Antonio TransGuide

On Feb 28, 2014, fourteen TAMUite members visited the "San Antonio TransGuide", where Mr. John Gianotti from TxDOT SA District gave a tour of the facilities, equipment and the technologies at TransGuide. It was a fantastic opportunity to learn more about Intelligent Transportation Systems (ITS) and their "smart highway" project which is able to provide motorists information about accidents, congestion and travel time delay with the use of cameras, message signs and fiber optics. Chapter members also visited Mr. Gianotti's aggie-geared office.





COMMUNITY SERVICE ACTIVITIES

Adopt-A-Highway

Through the TxDOT Adopt-A-Highway program TAMUite volunteers four times annually to collect trash and clean up a two-mile stretch of roadway near Lake Bryan. As it serves as the primary access point to one of the most popular recreation destinations within the Bryan-College Station area, this highway segment has a considerable amount of discarded litter. As a popular destination for visitors to Aggieland, TAMUite feels keeping this section of highway clean

serves an important role in showing visitors to our community a pleasant time.

For the 2013-2014 report period, TAMUite performed three Adopt-A-Highway cleanups in 2013 on Jun 1, Sept 28, and Nov 16. The first cleanup of 2014 was performed on Feb 15. The next cleanup will join the state's largest one-day cleanup event "Don't Mess with Texas Trash-Off", which is the nation's largest community improvement program.



Adopt-A-Highway cleanups typically take place on Saturday beginning at nine in the morning. Cleanup activities usually finish around noon. Though participation is voluntary for members, the opportunity to strengthen organizational bonds while simultaneously giving back to the community is enough to draw a group of one to two dozen volunteers.

The Big Event

TAMUite participated the Big Event at Texas A&M University on Mar 29, 2014. This event is the largest one-day, student-run service project in the nation and provides an opportunity for the students of the university to come together and say "Thank You" to the

community of Bryan/College Station for their continued support throughout the years. TAMUite had 18 chapter members participated and were split into two groups to perform several gardening and cleaning tasks for two homeowners in College Station, TX.







SOCIAL ACTIVITIES

Social with Chapter Members

TAMUite provided a number of social activities to chapter members throughout the year.

- New Semester Opening Social on Sept 3, 2013 and Jan 23, 2014
- Thanksgiving Potluck Party on Nov 21, 2013
- Lunch after Adopt-a-Highway on Jun 1st, Sept 28, and Nov 16 in 2013 and Feb 15 in 2014
- Unofficial Social Events



Social with Transportation Faculty Members

On May 18th, 2013, TAMUite hosted a barbeque cock-out with members of the transportation faculties at the Williamson Park in Bryan, Texas. Professors with their families joined the chapter members for a fun-filled afternoon with lots of food and games. It was an invaluable opportunity for our members to develop and strengthen relationships with our faculty members who are normally very busy outside the classroom.



Social with Professionals from Brazos Valley ITE

In acknowledgement of the great value which comes from interacting, learning from and build-

ing relationships with established professionals, TAMUite places great emphasis on providing our student members such opportunities. On July 18th, 2013, TAMUite hosted a joint-society barbeque social with BVITE at Dr. Gerald Ullmans's house. The barbeque social provided our members with the opportunity to engage many transportation experts and professional engineers from around the region in a relaxed and comfortable setting.





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PROFESSIONAL DEVELOPMENT

Career Development Workshop

Ms. Shelley Row (P.E, MBA), a world renowned leader, speaker and consultant gave an inspiring and interactive workshop "Get Noticed and Get Promoted" to members of TAMUite. She provided important tips to the members about excelling in a professional working environment. The workshop was well-suited for many of us who are about to embark in a professional career,

because the skills needed in school are much different than the ones needed to excel at work. The chapter hosted the workshop on Oct 22, 2013. A total of 15 members and 5 non-members attended. Several career launching skills such as knowing our brand, learning to become the "go-to" brand, networking and communication, etc. were discussed. She also focused on women leadership and how women need to come out of their comfort zone and go the extra mile.



Synchro Software Training at Trafficware

On Mar 28, 2014, fifteen TAMUite chapter members took a rare opportunity provided by Trafficware in Houston, which is the developer of Synchro and coordinated by South Texas ITE Student Liaison Miguel Luna. Our members were able to take part in a one-day professional training

of the Synchro Studio Suite. Under the instruction by the experienced and knowledgeable Mr. Trueblood, our members learned how to develop signal timing plans and optimize a network through the use of hands-on examples. The training was extremely beneficial for our members, especially for those who plan to work in consulting companies. The company also gave our members a tour of their onsite plant where they assemble traffic controllers.



Advice from Speakers and ITE Leadership

TAMUite members are always looking forward to obtain critical and relevant information from various speakers. Dr. Blaschke gave us advice about career choices in the field of transportation and important business etiquette tips. Mr. Shawn Turner suggested us to develop strong communication skills and be passionate about our work. Many other speakers also provided life-related guidance for students in addition to their technical presentations.



The ITE leader's visits have been very exciting and encouraging to our chapter. Finally, vicepresident of TexITE, Ms. Susan Langdon, and past international ITE president, Mr. Robert Wunderlich, provided invaluable suggestions to TAMUite and chapter members from a leadership's perspective.

Civil Engineering Peer Mentor Program

TAMUite works very closely with Graduate Peer Mentoring Program in the Zachry Department of Civil Engineering to let our members share their experiences with CE graduate students about resources related to academic life, career, research, etc. Our members actively participate in the program's career development sessions, for example, job interviewing and networking skills development meeting, insights of seeking faculty positions, etc.



COMMUNICATIONS

Website, Facebook, LinkedIn and R sum éService

TAMUite maintains an excellent communication level between the members of the student chapter and former members and alumni through various tools, such as the student chapter website (<u>ite.tamu.edu</u>), TAMUite Facebook page (<u>www.facebook.com/groups/TAMUite/</u>), and LinkedIn. The Facebook page creates a seamless flow of information which allows officers and the chapter members to communicate efficiently for various activities, such as providing information to better manage food options at meetings and other activities.

TAMUite provides a very useful service for linking members to prospective employers through the r śum é service. The chapter members interested in an internship or other positions just need to upload their r śum é on the ITE website. The employer resources section on the ITE website give access to the r śum ś of the chapter members. All of these are available in an easily downloadable format. The ITE student chapter intends to make the r śum ś more accessible to potential employers from the industry by creating a TAMUite business card with a link to the r śum ś incorporated on it (QR code). The chapter will distribute these business cards at upcoming Tex-ITE meetings and other professional conferences.



FINANCIAL REPORTS

Beginning Ba	lance (09/01/2013)		\$8,873.84	
Income	Funding from Civil Engineering Department	\$5,000		
	Funds from traffic count for HDR Engineering	\$270		
	Funds from traffic count project for the city	\$4,000	pending	
	Funds from traffic count project for TTI	\$2,140	pending	
	ITE trip generation project	\$1,000	pending	
	Support from Student Engineers' Council	\$200	pending	
Total Income (without Pending)\$5,				
Expenditure	Reimbursements for FY 2012-13	(\$393.66)		
	General Meetings	(\$704.60)		
	Social Events	(\$216.09)		
	Conferences and Field Trips	(\$717.16)		
	Traffic Count Project	(\$120.33)		
	Adopt-a-Highway	(\$226.34)		
	Administrative Expenses (Office Supplies)	(\$398.33)		
	Miscellaneous	(\$0.00)		
Total Expenditure			(\$2776.51)	
Closing Balance (03/31/2014)				

STUDENT AWARDS

- 2013 Eno Fellow–Brad Brimley
- 2nd place winner in the American Galvanizers Association's (AGA) 2013 Galvanize the Future: An Edgar K. Schutz Scholarship contest – Lisa Larsen
- 2013 American Road & Transportation Builders Association Women Leaders in Transportation Design & Construction Council's Future Industry Spotlight Award – Lisa Larsen
- Awarded the Zachry Endowed Fellowship from the Zachry Department of Civil Engineering, November 2013. – Lacy Brown
- 2013 Eisenhower Fellowships Liteng Zha and Wen Wang
- TexITE student paper competition David Zeng (2nd place), Brad Brimley (3rd place)
- Student of the year for TAMUite David Zeng
- TexITE Jim Carvell Fellowship 2013 Kaitlynn Simmons and Yanfen Zhou



PUBLICATIONS AND PRESENTATION

Alemazkoor, N. and H. G. Hawkins. "Examining Impacts of Increasing Speed Limit on Speed Distribution: Case Study". 93rd Annual Meeting of the Transportation Research Board. Washington, D.C., 2014.

Brimley, B. K., P. J. Carlson and H.G. Hawkins. "Evaluating Unfamiliar Driver Visual Behavior on Horizontal Curves Using Fixation Heat Maps". 93rd Annual Meeting of the Transportation Research Board. Washington, D.C., 2014.

Brown, L. and H. G. Hawkins. "Traffic Control Devices at Channelized Right Turn Lanes – Recommended Guidelines for the MUTCD". 93rd Annual Meeting of the Transportation Research Board. Washington, D.C., 2014.

Dixon, K. and **L. Brown.** "Assessing How Drivers of Through Vehicles React to Driveway Activity". 93rd Annual Meeting of the Transportation Research Board. Washington, D.C., 2014.

Khazraee, S. H., A. J. Saez-Castillo, S. R. Geedipally, and D. Lord. "Application of Hyper-Poisson Generalized Linear Model for Analyzing Motor Vehicle Crashes". 93rd Annual Meeting of the Transportation Research Board. Washington, D.C., 2014.

Khodakarami, M., K. N. Mitchell and B. Wang. "Modeling Maintenance Project Selection on a Multimodal Transportation Network". 93rd Annual Meeting of the Transportation Research Board. Washington, D.C., 2014.

Larsen, L. K. and M. Burris. "Can Psychological Questions Help Predict Managed Lane Use?" *Transportation Research Record-Journal of the Transportation Research Board* (Accepted for Publication, and presented at 2014 TRB).

Wu, L., Y. Zou, and D. Lord. "Comparison of Sichel and Negative Binomial Models in Hotspot Identification". *Transportation Research Record-Journal of the Transportation Research Board* (Accepted for Publication, and presented at 2014 TRB).

Zeng, X., and Y. Zhang. "Development of Recurrent Neural Network Considering Temporal-Spatial Input Dynamics for Freeway Travel Time Modeling". *Computer-Aided Civil and Infrastructure Engineering*, Vol. 28, No. 5, 2013, pp. 359-371.

Zha, L., D. Lord, and Y. Zou. "The Poisson Inverse Gaussian (PIG) Generalized Linear Regression Model for Analyzing Motor Vehicle Crash Data". 93rd Annual Meeting of the Transportation Research Board. Washington, D.C., 2014.

Zhou, Y. and H. G. Hawkins. "Impact of Vehicle Types on Ball-Bank Indicator Reading and Curve Advisory Speed Determination". 93rd Annual Meeting of Transportation Research Board, Washington, D.C., 2014.



ROSTER

This is a list of the Texas A&M students that are currently active ITE members, asterisk denotes members of ITE international, (thus automatically local members.)

Name	Degree	Exp. Graduation	Name	Degree	Exp. Graduation
Adel Kohdakarami*	Ph.D.	Spring 15	Ming-Han Yang	MS	Fall 16
Akm Abir*	Ph.D.	Spring 17	Namoo Han*	MS	Spring 15
Ali Shirazi	MS	Fall 14	Narain Hariharan	MS	TBD
Brad Brimley*	Ph.D.	Summer 14	Negin Alemazkoor*	MS	Summer 14
Chao Huang*	Ph.D.	Spring 14	Neil Going*	MS	Spring 15
Chi-hao Yuan*	MS	Spring 15	Pacee Bean	BS	TBD
Chujun Zhong*	MS	Fall 14	Phillip Knowles	BS	TBD
Courtney Corbell	BS	Spring 14	Prathyusha Vangala*	MS	Fall 14
David Zeng*	Ph.D.	Spring 14	Rachel Musgrove	BS	Spring 14
Gary Chen	Ph.D.	Fall 15	Salar Siabil	Ph.D.	TBD
Hadi Kharazee*	Ph.D.	Fall 15	Santosh Rao*	MS	Spring 14
Hemamalini Nagarajan*	MS	Spring 15	Sarang Vasishth*	MS	Fall 14
James Robertson*	Ph.D.	Summer 14	Sukrit Narula*	MS	Fall 14
Jesus Cervantes	BS	Spring 14	Sunghoon Lee	Ph.D.	Summer 14
Jian Jiao*	MS	Spring 15	Sunny Goklani	BS	TBD
Jose Menendez	Ph.D.	TBD	Tracy Zhou*	Ph.D.	Summer 14
Kaitlynn Simmons*	BS	Spring 16	Xiaohan Li*	MS	Fall 14
Kamonthep Tiapsert *	Ph.D.	Spring 16	Xiaowei Cao*	MS	Spring 15
Lacy Brown*	Ph.D.	Spring 16	Xiduo Wang*	MS	Spring 15
Lingtao Wu*	Ph.D.	Fall 16	Xin Sun*	MS	Fall 14
Lisa Larsen*	Ph.D.	Fall 14	Yanfen Zhou*	Ph.D.	Spring 16
Liteng Zha*	MS	Summer 14	Yiling Zheng*	MS	Spring 15
Liyang Wang*	MS	Spring 15	Yizhen Dai*	MS	Spring 15
Lu Lin*	MS	Spring 15	Yuzhou Li*	MS	Spring 15
Mengqing Wang*	MS	Spring 15			

