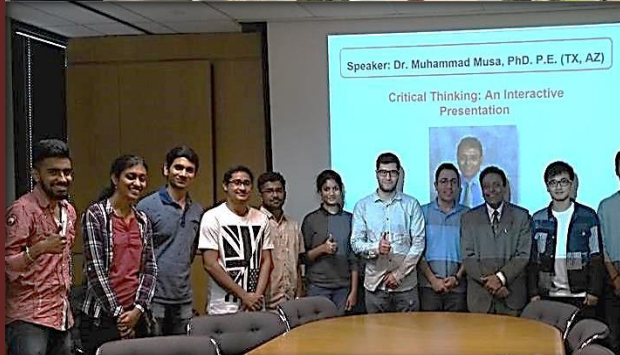




2016 – 2017 ANNUAL REPORT

Texas A&M University

Student Chapter of the Institute of Transportation Engineers



<http://tamu.texite.org>



TAMUite



@ITETAMU



tamuite.president@gmail.com

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OVERVIEW

The following report includes all Texas A&M University Student Chapter of the Institute of Transportation Engineers (TAMUite) activities from April 1, 2016 – April 1, 2017.

Student Chapter Officers	
President	Connie Xavier
Vice President for Technical Activities	Abdel Rahman Trawi
Vice President for Outreach	Manaswini C
Secretary	Divya Pappu
Treasurer	Bharadwaj Bommanayakanahalli
Project Coordinators	Rahul Mars, Jitendra Jain
Publicist/Webmaster	Gregory Go
Office Manager	Jaswant Ganesan
Student Chapter Membership	
Number of Student Chapter Members: 48	
Number of Student Members of the Institute: 33	
Number of Students eligible to be Student Members of the Institute: 770*	
Number of Faculty Members who are Current ITE Members: 5	
Information on Transportation Engineering Enrollment	
Number of Undergraduate Students (sophomore – senior) in Academic Department: Full Time: 729 Part Time: Not Tracked	
Does your curriculum allow undergraduate students to major or minor in transportation: No	
Number of Graduate Students in Transportation: Full Time: 41** Part Time: Not Tracked	
Student Chapter Activities Summary – Page 3-19	
Roster of Student Chapter Members – Page 20	

*Total of Transportation Engineering and Materials graduate students and Civil Engineering (sophomore – senior) undergraduate students

**Total of Transportation Engineering and Materials graduate students

A MESSAGE FROM THE FACULTY ADVISOR

Howdy from Aggieland!

It is my pleasure to be the advisor of the TAMUite student chapter, a chapter among the largest in the nation. Texas A&M University and the Zachry Department of Civil Engineering are both committed to supporting TAMUite activities. With financial and other types of support each year from all different sources, TAMUite is able to conduct many activities that otherwise would not be possible. Student members have had the opportunity to enrich their knowledge about transportation on various grounds.

There are a few highlights that I particularly would like to share with the ITE community, which you will also see in other parts of this report.

- TAMUite members also worked with transportation consulting firms to generate revenue.
- Membership is diverse. It includes members from other specialty areas such as Urban Planning, Materials Engineering, and Construction.
- TAMUite has an active Traffic Bowl team that meets regularly. It continued to maintain an Adopt-a-Highway program and to teach elementary school kids about transportation.
- It had numerous speakers from outside the local region including from San Antonio and Dallas.
- Many member students are supported on TTI projects. TTI researchers are very active in supporting TAMUite activities.

As the faculty advisor, I appreciate all those who have supported the TAMUite chapter in the past. I'd also thank all the member students for actively participating in the various activities and contributing their time to make these activities a success. In particular, the success would not be possible without the leadership team headed by our fourth female president in a row, Connie Xavier!

Sincerely,



Dr. Bruce Wang, Chapter Advisor
Phone: 979.845.9901 | Email: bwang@tamu.edu
March 29, 2017

A MESSAGE FROM THE PRESIDENT

Howdy from the TAMUite Chapter!

The TAMUite officers are excited to share this report with you. This has been an incredible year for the student chapter. Over the past year, we hosted **ten general meetings** where transportation professionals from academia and both the public and private sector were invited to come speak to students. These meetings have had a **consistent attendance** record of around 25 students. We also held a **two-day R programming workshop** to introduce students to transportation applications of R and develop valuable coding skills. We participated in a **school outreach program** at Rock Prairie Elementary School to get children excited about transportation. Our students attended several conferences including TRB and ITE meetings where our members had the chance to **compete in various competitions** including Traffic Bowl and a data analytics contest. We would like to extend our appreciation to the Civil Engineering Department at A&M, ATLAS-UTC, International ITE, and Texas District ITE for funding our student members to attend the conferences. Your support is invaluable and a key part to the experience of our members. The chapter members also completed a **large license plate study** for the City of Bryan which generated over **\$6,000** for the chapter. We went on **four technical field trips** just in the past year to 3M, Freight Shuttle Facility, Houston Airport, and Houston TranStar. The chapter also made time to **give back to the community** by participating in Big Event and Adopt-a-Highway events. Last but not least, we carved out time to socialize and **welcome new members** through laser tag, a barbeque social, and a game night.

I have enjoyed serving as president this year. I would like to extend my appreciation to the previous chapter officers and chapter president in 2016, Maryam Shirinzadeh Dastgiri, for their help in organizing the 2016 events. As a chapter, we are proud of our achievements and look forward to improving and growing as future transportation professionals and researchers in the year to come.

Best Regards,



Connie Xavier

Phone: 682.667.6184 | Email: cbx1228@gmail.com

April 1, 2017

GENERAL MEETINGS

General meetings serve as a great way to expose students to various areas of transportation engineering. They offer a chance to connect with industry and research professionals. We try to invite a variety of speakers to speak about technical aspects of transportation projects, provide lessons learned, and teach valuable life skills like critical thinking and effective communication.

APRIL 22, 2016: Bob Colwell, TxDOT

Working with the Media and the Public on Projects

Mr. Colwell shared past experiences and lessons learned from working as a Public Information Officer at TxDOT. He bridges the gap between the technical side and the public/media side of engineering projects. He spoke about the importance of knowing your audience and being careful on wording when relaying project information to the media. This was a very useful presentation on the significance of effective communication in the technical engineering world.



MAY 17, 2016: Dr. Subasish Das, TTI



Modeling in Roadway Safety: The Two Cultures

Dr. Subasish Das gave a very detailed presentation on the various approaches used in roadway safety modeling. He gave details of several statistical modeling techniques and how they apply to modeling crash data. He gave examples from several of the research papers he worked on which enhanced our understanding. He also spoke about machine learning which is a relatively new area, and how it applies to crash data modeling. Overall, it was a very insightful presentation.

SEPT. 27, 2016: Dr. Kay Fitzpatrick, TTI

Variables Associated with a Driver's Decision to Stop for a Pedestrian at an RRFB

The innovative concept of the RRFB (Rectangular Rapid Flashing Beacon) was presented with active interactions with the students. Dr. Fitzpatrick discussed the pros and cons of using the RRFB at a crosswalk and presented the results of her research study that looked at which factors had a higher influence on driver compliance to an RRFB. She also spoke about the importance of being involved with ITE.



OCT. 25, 2016: Dr. Gary Thomas, Armstrong Forensic Engineers



The Science of Forensic Engineering

Dr Thomas presented two case studies where transportation analysis determined without question the cause of the crashes, and who or what was likely at fault. He walked us through the procedure which is followed in reconstructing the events leading up to a crash, and reinforced this by showing us what was done in the case studies. We gained a lot from the meeting, and learned about yet another field of work a transportation engineer may choose.

OCT. 28, 2016: Brian Kibby, CEO, MV Transport Inc.

Joint Meeting with Association of Student Planners

At this joint A&M ITE-ASP meeting, Mr. Kibby spoke about innovative technologies in the transportation industry including autonomous vehicles. He also spoke about leadership and demonstrated the importance of speaking up by asking for a volunteer from the audience. The volunteer ended up receiving a cash prize! He talked about his experience as a major company leader and the transportation projects his company works on.



NOV. 11, 2016: Dr. James Robertson, City of College Station



College Station's Use of Traffic Signal Performance Metrics

Dr Robertson showed us how signal operations are conducted in College Station. He explained in detail what his job as traffic engineer entails. He provided a behind-the-scenes experience to signal operations. He included photographs of the signal control center and showed us how they oversee operations at all the signals in the city. He also shared with us his experiences of being a student at A&M and how he achieved his career goals. It was a fun and informative meeting.

DEC. 6, 2016: Lilia Gonzales, Texas A&M University

Campus Master Plan Update and Office of A&M's Architect

Ms Gonzales is the University Architect at Texas A&M. In her presentation, she spoke about the role of the Office of the University Architect and ongoing planning efforts of the Campus Master Plan. She discussed improvements to pedestrian experience within the campus, alternate mobility options, future parking structures, and circulation routes for buses and vehicles. Her use of colorful maps gave us a nice visual for the planned updates.



JAN. 26, 2017: Joseph Short, Lee Engineering

Transportation Engineering Consulting

Joseph Short spoke about the transportation engineering consulting industry and the various types of projects transportation engineers handle on a daily basis. He also identified major consulting companies in the transportation industry. He gave examples of challenges that can come up when working with a budget and trying to meet client deadlines. As a former Aggie with 26 years of experience in the industry, his presentation was very insightful and useful.



FEB. 21, 2017: Dr. Karen Dixon, TTI

New Tools for Assessing Access Management in the U.S.

Dr. Dixon discussed the importance of access management including the major issues that traffic engineers face when providing access at certain areas while restricting access at others, and how pedestrian decisions enforce certain access management decisions. She also discussed about two documents she co-authored that are related to access management – 2014 TRB Access Management Manual and the 2016 TRB Access Management Applications Guidelines.



MAR. 21, 2017: Dr. Muhammad Musa, Landtech



Critical Thinking: An Interactive Presentation

Dr Musa, an experienced researcher and engineer, conveyed the advantages of thinking an extra mile before arriving at an engineering solution. He urged us to think from the shoes of various stakeholders when implementing a project for a win-win situation. The interaction with students made the meeting exciting and educational. Dr Musa presented his thoughts with simple day-to-day examples and enlightened the minds of young engineers by posing questions to the audience.

WORKSHOPS

Two-Day R Programming in Transportation Workshop

For the first time, the chapter held an R Programming workshop to introduce students to transportation applications using R. R is an open source environment that allows users to conduct statistical analyses and create useful graphics for presenting data. Dr. Subasish Das from the Texas A&M Transportation Institute conducted the well-attended two-day workshop. Students brought their laptops with the R software installed. Dr. Das started off by providing an overview of his past research projects that used R for statistical analysis. The workshop was fully interactive, affording participants the opportunity to get hands-on experience with using the R environment and applying R code to sample data provided by Dr. Das. For many attendees, this workshop served as a very informative introduction to the use of



R, and it will hopefully serve as a starting point for future learning and exploration using this very important, free statistical tool. Based on the positive feedback from students and Dr. Das, we hope to host more sessions like this in the future.

TECHNICAL PROJECTS

Technical projects provide students an opportunity to gain practical engineering experience in the field and generate revenue for the chapter and themselves. It also provides officers the chance to practice writing a project proposal, develop client relationships, and supervise work. This year, our chapter completed license plate and turning movement count projects.

License Plate Study – Client: City of Bryan

TAMUite took on a single, extremely large project during 2016. The City of Bryan reached out requesting help gathering and analyzing data related to closing a short connecting road, Groesbeck St., in downtown Bryan to save money on a quite zone project for the Union Pacific rail line. Closing Groesbeck could save the city millions of dollars on the project, but it would impact how citizens travel around downtown Bryan. Therefore, getting an idea of the volume on Groesbeck was not sufficient. The City of Bryan wanted to know the routes citizens were taking. TAMUite did the following to complete this project:

- Teamed with another student organization, the Association of Student Planners (ASP), to gather between 15 and 20 students on three different occasions to record partial license plates at specific locations in downtown Bryan around Groesbeck St.
- Developed a Microsoft Excel Macro to search the data for the license plate matches. The macro reduced the stress of data analysis and made it so that the data analyst did not have to search for hundreds of license plate matches by hand. TAMUite provided support for the use of the macro and aided the data analysis to ensure that the macro was accurately analyzing the data.

The project brought in a gross income of **\$9,230**, which translated to a **gross profit of \$6,770** after we paid students for helping with the project. The project showed how Bryan citizens are moving across Groesbeck and enabled the city to predict how many vehicles might move to which alternate routes.

Turning Movement Count – Client: Binkley & Barfield

TAMUite also organized a smaller project in February of 2017, which consisted of collecting traffic counts for Binkley and Barfield, Inc. Vehicular, pedestrian and bicycle counts were obtained for multiple intersections along Harvey Road and University Drive in College Station, Texas. For this purpose, six students were recruited to collect the data using JAMAR counters, which simplified the counting process as well as allowed our chapter to easily extract and analyze the data for submission to the client. This project added an extra **\$450 in gross profit** to our student chapter.

TECHNICAL CONFERENCES

Our student chapter members have enjoyed attending district and annual ITE conferences, the annual TRB conference, and TTI Day. These conferences and meetings give our students the opportunity to present research, network with professionals, and hear about new, innovative developments in transportation. The chapter members would like to extend their sincere appreciation to the Center for Advancing Transportation Leadership and Safety (ATLAS-UTC), TexITE, and ITE for financially supporting our students to attend these conferences.



TTI DAY – MAY 3, 2016 – BRYAN, TX

The Texas A&M Transportation Institute (TTI) hosted its annual TTI Day meeting at the Brazos County Expo. Many TAMUite members employed at TTI actively participated in this event. The meeting started with opening remarks from Joe Dunn and Tina Geiselbrecht. A charity initiative by Texas wounded warrior foundation was also organized. The keynote speaker of that meeting was Marc Williams from TxDOT. Awards of recognition were given to selected employees for their excellence. In addition, Beverly Kuhn and Steve Roop gave interesting presentations on truck platooning and on freight shuttle respectively. The meeting was later adjourned after the introduction of the 2017 TTI Day Chairs.



ANNUAL ITE MEETING – AUGUST 14-17, 2016 – ANAHEIM, CA

Our traffic bowl team and chapter president attended the annual ITE meeting in California. During the conference, the students attended student leadership meetings and learned about what other student chapters were doing. The students were excited for the chance to network with other prominent transportation professionals. The members also competed in fun social events including an Amazing Race game. Our traffic bowl team fought hard and came in second during the first round of the Collegiate Traffic Bowl competition. We are proud of their efforts. Overall, the members had a great time attending lectures and exploring the beautiful city of Anaheim.



 **FALL TEXITE MEETING – SEPTEMBER 21-23, 2016 – FORT WORTH, TX**

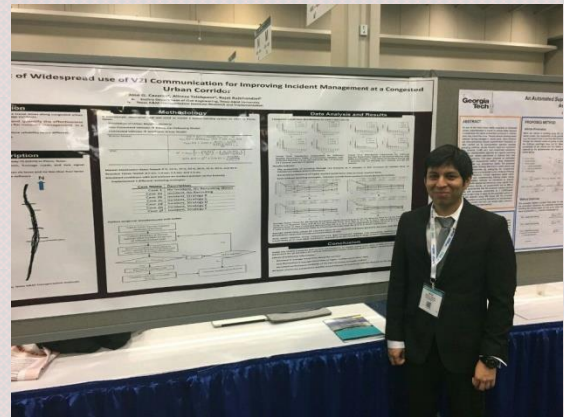


The ITE Fall 2016 meeting for the Texas district provided a great opportunity for our chapter members, especially our new members, to become familiar with the work of ITE and served as a medium to socialize with other chapters and professionals of the organization. Seminars related to intersection design and complete streets planning along with the talk on roundabouts were both informative and insightful for our members. Also in this meeting, TAMUite was honored with

the Student Chapter of the Year Award for the Texas District and received an award for winning the Texas District Traffic Bowl in spring 2016.

 **ANNUAL TRB CONFERENCE – JANUARY 8-12, 2017 – WASHINGTON D.C.**

A few of our student chapter members took part in the poster presentation at the annual Transportation Research Board (TRB) meeting. One member mentioned that he was able to attend all the exhibits which were in line with the year’s theme “Transportation Innovation: Leading the Way in an Era of Rapid Change”. The sessions included topics about traffic management, crash modification mechanism identifications and automated vehicles among others. Another one of our members competed with two others in the “2017 TRB Transportation Data Analytics Contest”, and her paper was selected as one of the five highly rated papers being submitted to the contest. This event also provided an opportunity to network with the leading professionals in the field of transportation and fostered discussions among the student attendees.



FIELD TRIPS

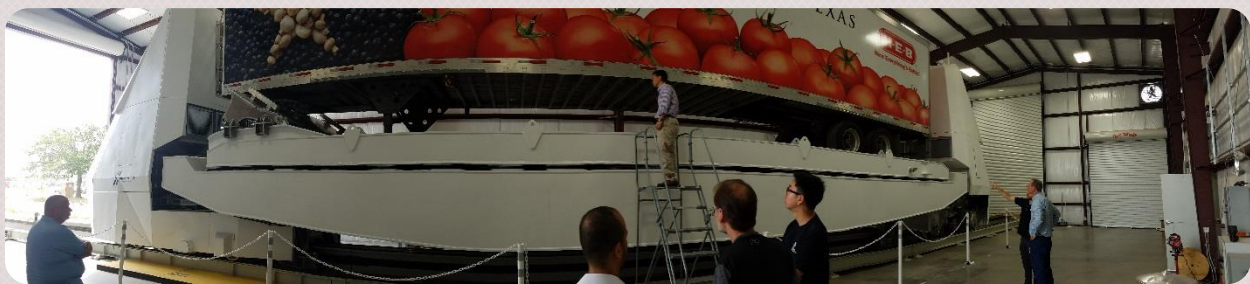
3M RETROREFLECTIVE FACILITY TOUR IN BROWNWOOD, TX



On May 11, 2016, eight TAMUite students traveled to Brownwood, TX to tour the retroreflective sheeting facility at 3M. The tour included seeing the process of making prismatic and beaded retroreflective material. The tour involved seeing the process of creating retroreflective materials, which went from checking the quality of the raw materials, to using machines to ensure that the proper amount of sheeting is on each roll being sent to a customer. The tour showed many different types of sheeting, from US and European emergency vehicle retroreflective material to license plate material. Students were able to gain a better understanding of the needs for retroreflective sheeting as a result of the tour.

AUTONOMOUS FREIGHT SHUTTLE VEHICLE TOUR IN BRYAN, TX

The student chapter toured Freight Shuttle International's Autonomous Freight Shuttle facility on July 15, 2016. The trip included explaining the advanced technology of the unmanned vehicle, which follows a custom rail designed to guide around curves and reach a top speed of over 70 miles per hour. The vehicle is completely battery operated, which produces a lot less emissions than a typical tractor-trailer. Attendants saw the 55 foot tall, 70 plus feet long vehicle move effortlessly along the track and engaged in conversation about how the system could reduce congestion at a port or a border crossing.



FEDEX AND TSA SCREENING TOURS IN HOUSTON, TX

On November 4, 2016, eight TAMUite students visited the FedEx and Transportation Security Administration (TSA) screening facilities at the Houston Intercontinental Airport in Houston, TX. The visit included seeing the cargo planes FedEx uses to move goods and the sorting facility it uses to organize packages as they come out of the planes and go into the trucks to be

shipped to their destinations. The tour also included getting a behind the scenes view of TSA as they scan and assess any potential risks from checked bags going through the airport. Students saw the machines used to take computer images of the bags, TSA employees analyzing the images and dismissing potential threats they can clear by looking at the images, and a search of a bag done by a TSA agent by hand. The students were enlightened to the fact that FedEx moves thousands of packages through the facility with a 98 percent on-time delivery rate and how the TSA can efficiently and securely search checked bags for potential risks.



HOUSTON TRANSTAR TOUR IN HOUSTON, TX

Thirteen members took a field trip to Houston TranStar on March 28, 2017 to learn about how the transportation system is managed across the fourth most populous city in the United States. The visit started with a tour of TranStar’s Emergency Operations Center, where representatives from the four partners who form TranStar - the City of Houston, Harris County, METRO and TxDOT - along with representatives of major organizations and area local governments come together to manage transportation and emergencies during man-made and natural disasters. After lunch and a tour of TranStar, the students convened in a conference room with Mr. Mike Pietrzyk, the assistant director of Transportation Management Systems at TxDOT, Houston District, for a discussion on TxDOT’s Intelligent Transportation Systems. He talked about video analytics for automated incident detection, TranStar Asset Management System, smart work zones, measuring and reporting travel time reliability, dynamic ramp metering, flood warning stations as well as other topics. The trip was valuable for the students and gave them huge insight on real-life transportation engineering practices.



COMMUNITY SERVICE AND OUTREACH

As students, we are meant to serve our community in more ways than sitting and learning in a classroom! We have found ways to give back by making our roadways more beautiful, serving local residents, and sharing knowledge with aspiring engineers.

ADOPT-A-HIGHWAY

TxDOT's Adopt-a-Highway program strives to contribute to society by keeping roadways clean and beautiful. Lake Bryan is one of the most popular attractions in the Bryan-College Station area, and TAMUite is proud to serve the community by keeping the primary



commuting route to Lake Bryan clean. Because of the high use of this road, an enormous amount of



trash is collected from this area. In 2016, TAMUite organized two Adopt-A-Highway events on May 7th and November 19th. At each event, TAMUite members start off by collecting trash in the morning and finish around noon to go out and have lunch together. This event serves the community and strengthens organizational bonds.

BIG EVENT

Big event is the largest one-day, student-run service project in the nation. It is a time to come together and say "Thank You" to the community of Bryan/College Station for their continued support throughout the years. Twelve members of TAMUite participated in this event held on March 25th, 2017. The members helped



an elderly couple pack for their upcoming move, did some yard work, painted doors, and wrapped glassware. It turned out to be a great volunteering experience for everyone.

ELEMENTARY SCHOOL OUTREACH

Keeping in view of our goal to serve not only our chapter members but the community overall, our members participated in the Science Fair at Rock Prairie Elementary School in College Station. At the event, different A&M organization came together to expose students to the world of engineering and science. Our participation in the event was an effort from our organization to educate kids about the role of transportation in their lives as well as to increase their awareness of traffic operations. Kindergarten through fourth graders participated in the event accompanied by their parents. We



planned two activities for the event. For one activity, children looked at a series of pictures of streets and intersections and had to identify the missing sign from a set of sign options. We also had a computerized signal coordination game to show them how difficult it can be to coordinate movements at an intersection. As a prize, we handed out small traffic sign stickers. The event turned out to be successful and received appreciation and encouragement from the parents.



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SOCIAL EVENTS

FACULTY-STUDENT BARBEQUE

This year's annual social with transportation faculty members was a tailgate held on September 10th, 2016 at Central Park in College Station. Students and faculty enjoyed barbeque and burgers while socializing. It was an excellent opportunity to meet professors in a casual setting as they are so busy outside the classroom.



FALL 2016 & SPRING 2017 OPENING SOCIALS

TAMUite organizes welcome socials during the beginning of every semester, so that new students can meet current students and catch up after break. For fall 2016, a game night was held with lots of fun games and prizes. For spring 2017, the members went to Grand Station in College Station to play arcade games and a few rounds of laser tag. It turned out to be a great success!



JOINT SOCIAL WITH BRAZOS VALLEY ITE

Recently, a joint social with the Brazos Valley ITE chapter and TAMUite chapter has become a tradition. The 4th Brazos Valley ITE and TAMUite joint social was held on June 2nd, 2016. These joint socials give members of TAMUite an excellent opportunity to meet local transportation engineers. This year's barbecue social meeting was held at the Ullman's house. TAMUite had the opportunity to interact with many transportation experts and Texas A&M Transportation Institute researchers in a comfortable and relaxing setting.



COMMUNICATIONS

TAMUite maintained social media accounts with Facebook and Twitter as well as a group website and email listserv to better communicate with members and the general public about chapter events and promotions. By reaching people across multiple platforms we increased the potential and actual number of impressions received by our contacts and deepened the chapter's connection with each person we reach.

Facebook (<http://www.facebook.com/groups/TAMUite>):

As most of our members are also active Facebook users, Facebook posts to our group page and Facebook events served as one of our most effective means of communicating about chapter activities and increasing member engagement. Since April 1, 2016, posts and events on our group page have generated more than 2700 impressions and dozens of member comments. This level of participation is a good indicator of the vibrant, connected community maintained by TAMUite.

Twitter (<http://twitter.com/itetamu>):

TAMUite events are cross-promoted via our new Twitter page. We have maintained our Twitter account since October 2016. Through the use of hashtags and mentions we are able to communicate our activities to Texas A&M departmental and university accounts, allowing us to reach a wider audience.

Website (<http://www.texite.org/tamu>):

TAMUite maintains a website under the Texas District ITE domain. It serves as a resource for both static and dynamic information. Group contact information, documents, and member resources are housed on our website for easy, 24/7 access. Posts are constantly updated to provide information on recent and upcoming group activities. The website is a vital resource for distributing electronic information such as applications and workshop data.

Email Listserv:

The TAMUite listserv allows the campus chapter leadership to keep members up-to-date on all chapter activities. The chapter President, Connie Xavier, sends out a weekly recap email to remind members of upcoming deadlines and events as well as to allow members that miss a meeting to remain in the loop. Employment, scholarship, and other enrichment opportunities are also communicated to our members via the listserv.

STUDENT ACHIEVEMENTS

Below are just some of the awards, presentations, and publications of our members.

AWARDS

2016 ITS Texas Scholarship – **Apoorba Bibeka**
Sherryl & Steven Hofener '77 Fellowship – **Jose Cazares**
Zachry Department of Civil Engineering Travel Grant – **Jose Cazares**
Peter C. Forster Fellowship – **Gregory Go**
Dwight Look College of Engineering Fellowship – **Gregory Go**
2017 TRB Transportation Data Analytics Contest Finalist – **Sirajum Munira**
2016-17 Dr. Carroll Messer Endowed Fellowship – **Jitendra Jain**
Texas A&M University Diversity Fellowship – **Connie Xavier**

PRESENTATIONS & PUBLICATIONS

Cazares, J. G., A. Talebpour, and R. Rajbhandari, "Analyzing the Benefit of Widespread Use of V2I Communication for Improving Incident Management at a Congested Urban Corridor," 2017 Annual Meeting of the Transportation Research Board, Jan. 10, 2017. (Presentation)

Shirazi, M., S.R. Geedipally, and D. Lord (2017), "A Monte Carlo Simulation Analysis for Evaluating the Severity Distribution Functions (SDFs) Calibration Methodology and Determining the Minimum Sample Size Requirements," Accident Analysis and Prevention, 98, pp.303–311.

Shirazi, M., S.R. Geedipally and D. Lord (2017), "A Procedure to Determine When Safety Performance Functions Should Be Recalibrated," Journal of Transportation Safety and Security. (Accepted for publication)

Shirazi, M., D. Lord, S.S. Dhavala and S.R. Geedipally (2016), "A Semiparametric Negative Binomial Generalized Linear Model for Modeling Over Dispersed Count Data with a Heavy Tail: Characteristics and Applications to Crash Data," Accident Analysis & Prevention, 91, pp. 10-18.

Shirazi, M., D. Lord, and S.R. Geedipally (2016), "Sample-Size Guidelines for Recalibrating Crash Prediction Models: Recommendations for the Highway Safety Manual," Accident Analysis & Prevention, 93, pp. 160-168.

Lee, D., Quadrifoglio, L., B. Sanjust di Teulada, and I. Meloni., "Discovering Relationships of Round-trip Carsharing Factors with Association Rules Technique," INFORMS Annual Conference, Nashville, Nov. 13-16, 2016. (Presentation)

Lee, D., Quadrifoglio, L., B. Sanjust di Teulada, and I. Meloni (2016), "Discovering Relationships between Factors of Round-trip Car Sharing by Using Association Rules Approach," Procedia Engineering, 161, 1282-1288.

S. Munira and D.S. Santoso (2017), "Examining Public Perception over Outcome Indicators of Sustainable Urban Transport in Dhaka City," Case Studies on Transport Policy. (Accepted for publication)

Silvestri-Dobrovolny, C., Arrington, D., N. Schulz, and **C. Xavier** (2016), "FEA Design and Crashworthiness Evaluation of a 31-inch W-Beam Guardrail System for Placement on a 3H:1V Sloped Terrain Configuration," ASME IMECE International Mechanical Engineering Congress & Exposition, Phoenix, AZ, USA, Nov. 11-17, 2016.

Xavier, C., D. Lord, C. Silvestri Dobrovolny, and R. Bligh (2017), "Evaluating the Relevancy of Current Crash Test Guidelines for Roadside Safety Barriers on High Speed Roads," TRB First International Roadside Safety Conference, San Francisco, June 12-15, 2017. (Accepted for publication)

FINANCIAL REPORT

The following table gives the details of the income as well as the expenditure of TAMUite for the previous fiscal year. Financial support from the Civil Engineering Department and projects from local agencies are a major source of our income. We attribute our success to the high quality standard we set for all of our projects and events. We also received support from the ITE chapters to attend the district and international conferences. Again, we would like to relay our utmost appreciation to those who support our student members in any way and hope for continued support in the future.

Beginning Balance (04/01/2016)		\$20,321.18
Income	Funding from the Civil Engineering Department	\$4,000
	City of Bryan License Plate Study	\$8,505
	International ITE	\$2,000
	Texas ITE	\$1,308
Total Income		\$15,813
Expenditure	General Meetings	\$2,594
	Traffic Counts	\$3,745
	Conferences	\$2,753
	Field Trips	\$1,515
	Social Events	\$967
	Workshops	\$364
	Officer Meetings	\$296
	Adopt a Highway	\$94
	ITE Polo Purchases	\$425
	Office Supplies	\$51
Miscellaneous	\$87	
Total Expenditure		\$12,891
Closing Balance (03/31/2017)		\$23,243.18

STUDENT MEMBER ROSTER

Name	Degree	Exp. Grad Date	Name	Degree	Exp. Grad Date
Villalobos, Abril*	BS	Spring 2017	Khajeh Hosseini, Mohammadreza*	PhD	Fall 2019
Al-Saidi, Mushtaq*	PhD	Spring 2019	Kong, Xiaoqiang*	MS	Spring 2017
Amini, Amir Keivan*	ME	Fall 2017	Konusu, Rohit	ME	Spring 2017
Ashraf, Sruthi*	PhD	Fall 2020	Lee, Dahye	PhD	Fall 2019
Bae, Deog Sang*	PhD	Spring 2017	Li, Yaquin	PhD	Summer 2018
Baskar, Balasubramanian	ME	Spring 2017	Mars, Rahul*	MS	Spring 2018
Bibeka, Apoorba*	PhD	Spring 2020	Meng, Yi*	ME	Fall 2017
Bommanayakanahalli, Bharadwaj*	MS	Fall 2017	Mousavi, Maryam*	PhD	Spring 2019
C, Manaswini*	MS	Spring 2018	Munira, Sirajum*	MS	Spring 2018
Cao, Xiaowei*	PhD	Fall 2019	P, Visalakshi	MS	Fall 2017
Cazares, Jose*	MS	Spring 2017	Palusani, Prashanth	ME	Spring 2018
Cipriano, Johannah*	BS	Fall 2017	Pappu, Divya*	MS	Spring 2018
Florence, David*	MS	Summer 2017	Parsegov, Sergei	PhD	Spring 2018
Ganesan, Jaswant*	MS	Spring 2018	Peng, Yongxin	ME	Fall 2017
George, Mathews*	MS	Spring 2017	Samimi Abianeh, Arezoo*	PhD	Fall 2018
Ghandour, Houssam	ME	Fall 2017	Shah, Bhavik	BS	Spring 2017
Go, Gregory*	MS	Spring 2018	Sharma, Jyoti	MS	Fall 2018
Halter, Jake	BS	Spring 2017	Shirazi, Mohammadali	PhD	Spring 2017
Hargrove, Patrick	BS	Spring 2017	Shirinzadeh Dastgiri, Maryam*	PhD	Spring 2018
Hariharan, Narain*	PhD	Fall 2019	Stacy, Adam	MS	Summer 2017
Huang, Chan*	MS	Spring 2018	Stansberry, Patrick*	BS	Spring 2018
Jain, Jitendra*	MS	Spring 2018	Trawi, Abdel Rahman*	ME	Fall 2017
Jha, Kartikeya*	PhD	Spring 2021	Xavier, Connie*	MS	Fall 2017
Jiao, Jian*	PhD	Spring 2018	Zhao, Yan*	ME	Spring 2018

*Indicates International ITE Member