

The University of Texas at San Antonio

Institute of Transportation Engineers – Student Chapter

Annual Report
April 1, 2017 – March 1, 2018



Report Submitted By:

A handwritten signature in blue ink on a light-colored background. The signature is cursive and appears to read 'Jessica Morris'.

Jessica Morris
Oya958@my.utsa.edu
Student Chapter President

A handwritten signature in blue ink on a light-colored background. The signature is cursive and appears to read 'Leslie Gonzales'.

Leslie Gonzales
Lesliegonzalez055@gmail.com
Student Chapter Vice President





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Institute of Transportation Engineers Officers 2017 – 2018

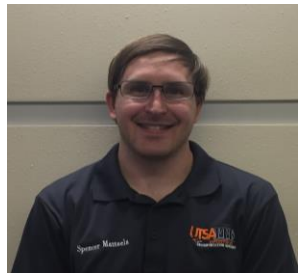


President

Jessica Morris
Civil Engineering Undergraduate Student
ilsemalagamba@gmail.com

Vice President

Leslie Gonzalez
Civil Engineering Undergraduate Student
Lesliegonzalez055@gmail.com

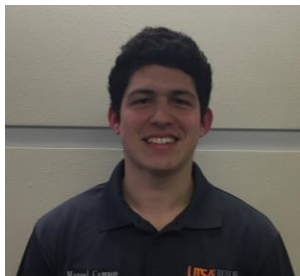


Secretary

Spencer Mattzela
Civil Engineering Undergraduate Student
mattzelas@yahoo.com

Treasurer

Arantza Arrieta
Civil Engineering Undergraduate Student
Fwy954@my.utsa.edu

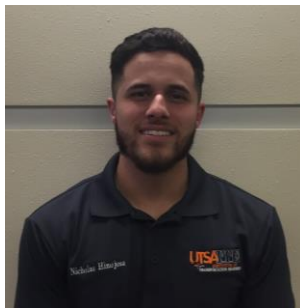


Webmaster

Manuel Campos
Civil Engineering Undergraduate Student
Manycampos.222@gmail.com

Public Relations

Sam Twail
Civil Engineering Undergraduate Student
Srt7385@gmail.com



Marketing Coordinator

Nicholas Hinojosa
Civil Engineering Undergraduate Student
nikkojoe2@gmail.com



ITE Student Chapter Mission Statement

As Officers of The University of Texas at San Antonio Institute of Transportation Engineers Student Chapter we will represent the organization in a skillful, ethical, and professional manner. We will encourage students to be active, dynamic, and to seek out further knowledge and employment through direct interaction with Professional Civil and Transportation Engineers. We take on the responsibility to develop and promote the ideas of transportation engineering that will accelerate the growth of the ITE community here at UTSA and within the City of San Antonio. As Officers of the UTSA ITE Student Chapter, this is our obligation.

Executive Chapter Summary

The University of Texas at San Antonio Institute of Transportation Engineers (UTSA ITE) primary goal for the 2017-2018 year was to promote and expand the organization in a skillful, professional, and ethical manner. Through hard work, persistence, and voicing the name of UTSA ITE around campus we are proud to say we have successfully improved the organization membership activity greatly. We have been able to do this through coordinating monthly speaker presentation and events such as Adopt-A-Highway with local Professional Civil and Transportation Engineers. The knowledge and networking gained by our ITE members has been invaluable in their development. By promoting the UTSA ITE organization as a community of future Transportation Engineers and scholars of academic success, we have ignited a trend that will inevitably lead to the development of a Transportation Engineering program here at The University of Texas at San Antonio in the future. As the new ITE Student Officers take to office, we are excited and undoubtedly satisfied with the improvement and development of the UTSA

ITE Student Chapter organization. With the upmost gratitude, UTSA ITE is pleased to present the 2017-2018 annual report.



UTSA ITE Memberships Status as of March 1st, 2018

Number of UTSA ITE Student Chapter members:	73
Number of new UTSA ITE members:	32
Number of Students eligible to be a Student Member of the Institute:	633
Number of Faculty members who are current ITE members:	1

The UTSA ITE Student Chapter is proud to announce the continuous high student participation.

The team of officers are comprised of charismatic and hardworking students who are invested in the continuing successes of the UTSA ITE chapter. We continue to promote the transportation world and allow students to be exposed to it.

Information over Transportation Engineering Enrollment

INFORMATION OF CIVIL ENGINEERING ENROLLMENT			
Undergraduate	Masters	Doctoral	TOTAL
443	47	30	633


DEGREES AWARDED FOR B.S. IN CIVIL ENGINEERING		
Spring 2016	Fall 2016	TOTAL
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<http://engineering2.utsa.edu/about/facts/>

Currently, The University of Texas at San Antonio does not have a Transportation Engineering Department. Classes such as Highway Engineering, Advanced Characteristics of Highway Materials, and Transportation Engineering are offered but no further development of a Transportation Engineering Department has been conducted thus far.

Financial Report

Beginning Balance	\$ 1,261.00
Debits	
Food and Beverage for Meetings	\$ 661.22
UTSA ITE Officer Shirts	\$ 126.50
Supplies for Burger Fundraising	\$ 500.00
Supplies for Adopt-a-Highway	\$ 400.92
Credits	
ST-ITE 2013 Chapter Support	\$ 143.00
Engineering BBQ Cookoff	\$ 1,946.18
Student Dues	\$ 400
Ending Balance	\$ 2,061.54



To improve the financial standing of the UTSA ITE Student Chapter, a 2017 request for sponsorship/financial donation has been constructed. A conservative approach to expenditures and an aggressive pursuit of sponsorship has significantly improved the Student Chapter financial situation. If further success continues with the 2016 proposals, the UTSA ITE Student Chapter will have the ability to further expand academic and career opportunities. Another important resource for sponsorships, is on account to several UTSA ITE members that now have internships. They build on with their superiors, and some are able to obtain support from them and their firms.

Technical Meetings

The UTSA ITE Student Chapter conducts bimonthly meetings each month. UTSA ITE welcomes and invites highly regarded Civil or Transportation Engineers to further educate our chapter members on their area of expertise. During all meetings students and faculty are served a food dish prior to speaker



presentation. Chapter meetings generates on average fifteen to thirty active student members and two or more faculty members. At the end of each meeting, students ask questions and clear any of their doubts about the presentation or simply about the Transportation engineering profession. Members also demonstrate a high interest in internship opportunities, since experience is always

preferred when job searching after graduation. For UTSA ITE's fortune, many of the speakers bring these opportunities with them. This year we have had the pleasure of hosting 12 different professionals.

September 20th, 2017 Luis Rodriguez an independent worker and UTSA Alumni came to speak with us about what it means to be a civil engineer. He shared his daily activities with us along with advice for a UTSA engineering student. He walked us through how he got where he is today and advised us to start planning our future now and make active steps toward your goals.



November 2nd, 2017. Kwaku Obeng-Boampong, P.E., PTOE, PMP was invited to be a guest speaker for us in November. He works at COSA in the TCI department as a traffic engineer. He



shared with the students what it is like being a traffic engineering and what kind of technical work he does. He shared terminology like ADT, and traffic phases to help familiarize the students. He also showed us the thought process behind designing highways. Taking into account traffic patterns and future growth.

2017/2018 Meeting Summary

Date	Topic/Event	Speaker	Attendance
Aug. 30, 2017	<i>1st General Meeting</i> – Introduction Meeting	None	22
Sept. 20, 2017	<i>2nd General Meeting</i> – Independent Engineering	<i>Luis Rodriguez, PE, Independent</i>	9
Oct. 4, 2017	<i>3rd General Meeting</i> – Student Networking Activity	None	14
Oct. 18, 2017	<i>4th General Meeting</i> – Roadway Engineering, Starting a Firm	Carlos Sanchez, PE & Fernando Salazar, PE, Sanchez-Salazar & Associates, LLC	17
Nov. 2, 2017	<i>5th General Meeting</i> – Traffic and Highway Engineering	Kwaku Obeng-Boampong, P.E., PTOE, PMP, COSA	30
Nov. 15, 2017	<i>6th General Meeting</i> – Student, EIT, Professional Engineer	Jeremy J. Wyndham, P.E., Transportation/Traffic Engineer, Jacobs	24
Nov. 29, 2017	<i>7th General Meeting</i> – Becoming a EIT	Muhammad Musa, P.E., PhD., Landtech	18
<i>December – No meeting</i>			
Jan. 24, 2017	<i>1st General Meeting</i> – Introduction Meeting	None	14
Feb. 7, 2017	<i>2nd General Meeting</i> – Transportation Engineering	Matt Beran, Transportation EIT, CP&Y	9
Feb. 21, 2017	<i>3rd General Meeting</i> – Mock Interviews	None	12

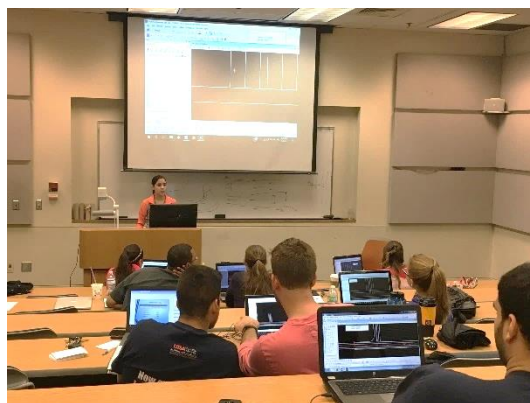
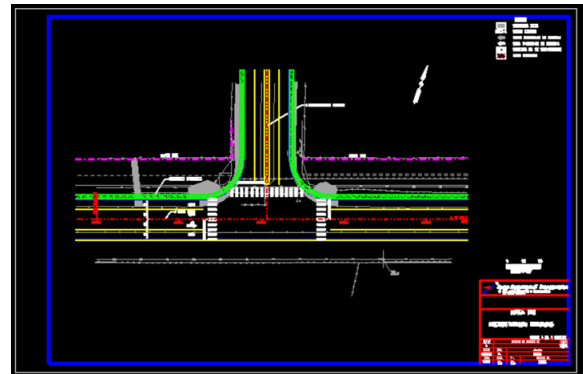


UTSA ITE Technical Training:


The student chapter has been successful in offering its members technical training which will prepare and assist them with internship and job opportunities in transportation during school and after graduation. This includes introductory training of Bentley's Microstation V8i (Select Series 3), the primary program used by the city, county, state agencies and consultants working for them on transportation related projects, as well as Trafficware's Synchro 8 suite.

Microstation Training:

The student chapter was able to organize one Microstation training where ITE officers who currently have internships and MicroStation experience lead a group of 10 student members to present introductory concepts for the development



of professional plans. The training was organized by the president and vice president, Jessica Morris & Leslie Gonzalez. They put together a power point presentation in order to allow the student to get familiar with the tools in the MicroStation software before beginning the walk through tutorial. They then guided them in drawing a basic roadway and walked them through completion of a typical roadway plan



sheet. Finally, they showed the students how to find TxDOT standards and asked them to independently redraw a typical standard drawing in order to apply what they had learned throughout the day. This training was a great success and a valuable experience for students as the current UTSA curriculum does not include training in drawing software.

TexITE

The TexITE is a semi-annual conference amongst ITE members, including professional, young professional and students. The UTSA student chapter has been able to attend all conferences this



past year. They attended the conference in Frisco, and San Marcos and are planning on attending the conference in Keystone this summer. This last conference, in San Marcos, the student chapter helped plan the

student leadership summit along with the A&M chapter and UT Austin Chapter. This included getting volunteers and organizing and creating questions for mock interviews. The student chapter enjoys attending the conferences for the networking and social opportunities along with the informative technical sessions.

San Antonio Community Outreach

Highway Cleanup

The UTSA ITE Student Chapter participates in the Adopt-A-Highway program quarterly each year. This is a sponsored event conducted by the Texas Department of Transportation, San Antonio Section. UTSA ITE has adopted a two-mile section of SH16 also known as Bandera

Road between Loop 1604 and the city of Helotes, Texas that requires the student chapter members to bag and clean up litter located in the right-of-way and in the central median. This year our clean-up did not take place either semesters because of construction on Bandera. The student chapter has made other efforts to volunteer this semester. Students had the opportunity to volunteer at the Utility Management Conference in February and will have another opportunity to pick up litter at the San Antonio River. Once construction along Bandera completes the student chapter will schedule another highway clean up.



UTSA Outreach

Engineering Week

Engineering Week is held annually at UTSA to celebrate the students and professionals in the world of engineering. During Engineering Week (E-Week) UTSA engineering related student organizations hold events each day in honor of the profession of engineering. One of the big events held that week involves a tailgate with all the engineering student organizations. UTSA ITE Student Chapter participates by



setting up a booth to promote the student chapter, engaging students with activities and sharing the Texas barbeque provided by the student organizations and professionals.

Rowdy Days

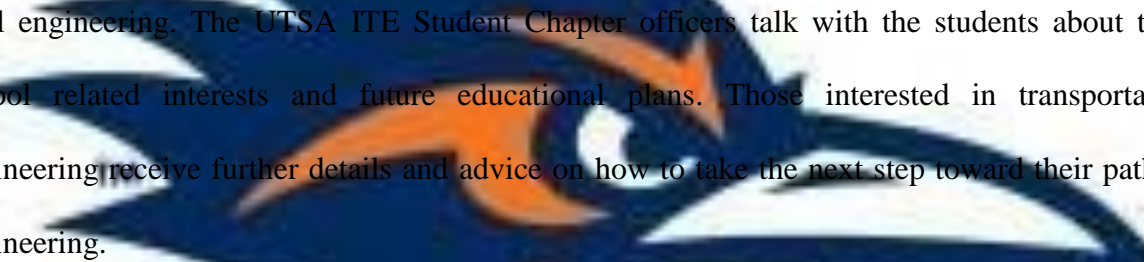


During the first week of the fall semester the UTSA ITE Student Chapter sets up an informational booth on UTSA's campus to inform incoming students about what the UTSA ITE Student Chapter has to offer. Two or three UTSA ITE Student Chapter members are present to represent the student organization and elaborate on all the networking and

social events the UTSA ITE Student Chapter partakes in. The booth has visuals to attract students to approach, interact and network with the UTSA ITE Student Chapter officers present. The Visuals usually consist of a trifold showing exciting events help by the UTSA ITE Student Chapter throughout each semester and a video simulation of a highway design and traffic control projected on a laptop screen. The UTSA ITE Student Chapter officers then collect emails from interested students to further contact them about upcoming UTSA ITE Student Chapter meetings and events.

High School Engineering Fair

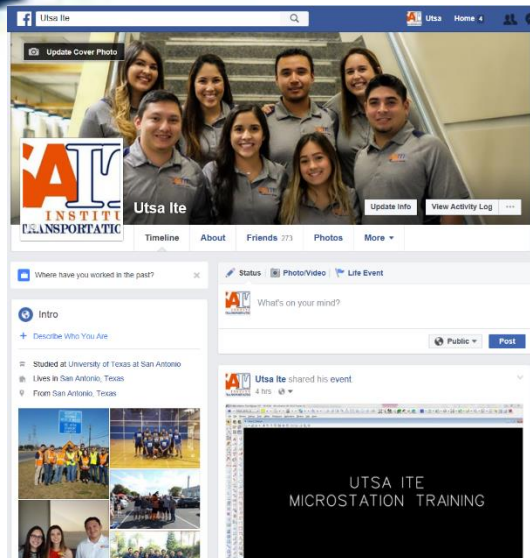
High schools from around the San Antonio area visit UTSA each year to encourage young students nearing graduation to further their education. The UTSA ITE Student Chapter participates in this event to help guide high school students through the tough decision of choosing a career path. The UTSA ITE Student Chapter sets up a table with informational packets and visuals to help the students understand the transportation field and its importance in



civil engineering. The UTSA ITE Student Chapter officers talk with the students about their school related interests and future educational plans. Those interested in transportation engineering receive further details and advice on how to take the next step toward their path of engineering.

ITE Student Chapter Facebook

In an effort to keep up with technology and connecting to more students, all UTSA ITE Student Chapter dates and events are posted in our UTSA ITE Facebook page. Also, since people may not be able to see the posts due to a low activity on Facebook or simply do not use it, we still use our primary and most formal form of communication through E-mail. Still, our Facebook page has a great activity, since we




do not only post dates and upcoming events, we share and promote pictures from our activities as a Transportation Engineering chapter. This way, students can visualize how ITE can be an excellent networking, training, and socializing resource; by portraying as well, how fun it is.

Intramural Sports

Last year we began organizing teams consisting of ITE members for intramural sports offered by



the UTSA recreation center. We participate in various sports including volleyball, dodgeball and soccer. One of our goals last year was to create a



co-ed team and we were able to not only make one, but two full teams for a volleyball tournament. This has proven to be a great time and allows team building practice and relaxing afternoon with fellow members.

Professional Chapter Involvement

The Block Social

The UTSA ITE Student Chapter and professionals meet at The Block a food truck park to network and get to know each other in a low stress environment. The UTSA ITE Student Chapter brought about 8-10 officers and members. The Professional Chapter turn out was excellent at around 8-10 professionals. Students and professionals were able to socialize in a relaxed setting and at the same time improve upon their networking skills.

Professional Chapter Joint Tailgate

The ITE professional chapter joined the UTSA ITE Student Chapter and tailgated for one of the home games this past football season. There were many professionals in attendance along with professors from the University. The turnout of students was in the 10-15 range and allowed members to network with professionals in a relaxed setting and make valuable connections.



Fundraising

Engineering BBQ-Cookoff

This past fall 2017 the UTSA ITE student chapter was one of the lead organizers for the Engineering BBQ Cook-off along with the UTSA student chapters for Engineers

without borders, Texas Society of Professional Engineers, and American Society of Civil Engineers. This event has grown significantly over the past three years and has been very successful in bringing professionals, community and students together. This was the 3rd annual and we had over 20 professional engineering companies participating. The profit from this event helps us with costs for trainings, meals for our meetings, socials and travel expenses for the TexITE district meeting.





Engineering Shirt Fundraiser

After a lot of hard work in getting our shirt design approved by the university, we were able to make t-shirts in order to help with fundraising. Our Causing “stress” Since 1982 shirts have been a great success and we have already sold out twice.



Member Recognition

Member of the Week



18





A new tradition we are excited about is our Member of the Week selection. After each of our general meetings, we select one of our student members to highlight on our Facebook. This is a great way for us to say thank you to our consistently active members whom without, we would not be successful.

Iota Tau Epsilon Award


The Iota Tau Epsilon Award is a new tradition we have started this year. This award is given to graduating seniors who have consistently supported our organization and who we will greatly miss after graduation. This award is to recognize the commitment they have made to ITE throughout their college years and allow us to wish them luck in their future careers.



Roster of Student Chapter Members

Name	Classification
Ablnio Martinez	Junior
Abreetta	
Adolfo Davila Castillo	Sophomore
Albino Martinez Jr.	Junior
Aldo Hernandez	Senior
Aldo Villarreal	Sophomore
Alejandro Hernandez	Sophomore
Alex Vigil	Freshman
Andrea Afanador	
Anshul Jha	
Antonio Escobedo	
Arjin	
Beth	
Bradford Newcomb	Junior

Brandon Longoria	Senior
Brandy Brushett-Chalfant	Senior
Caesar Mendkizaa	Senior
Carlos Sepulveda	Freshman
Chanwoo Son	
Crista	
Daniel	
Daniel Vogel	
Daniela Ramirez	Senior
Denzel White	Senior
Derek Cano	Freshman
Diana Andrade	Freshman
Emmanuel Rubio Perez	Senior
Erick Chicas	
Erick Galicia	
Evan Ryker	
Frank Labuda	Freshman
Gerardo Gonzalez	Senior
Humberto Aguillon	
Ibrahim Owoseni	Senior
Jaime Gomez	Senior
Javier Sainz	Sophomore
Jereel Cooper	Senior
Jessica Morris	Sophomore
Jesus Caballero III	Freshman
John	
Jordan Cotter	
Jordan Phillips	Senior
Josh Basuquez	Senior
Julio Lopez	Junior
kathya alfaro	Junior
Kattia	Senior
Kris Carlton	Senior
Leilani	
Lillian Garza	Junior
Manuel Campos	
Marcus Haraway	Senior
Michael Ashiofu	Senior
Moses Kabasele	Senior
Nicholas Hinojosa	Senior
Paul Dart	Junior



Pearce	
Pedro Diaz	Senior
Rafael Cruz-Garcia	Senior
Rene Holguin	Sophomore
Rogelio Chapa	Senior
Rontez Manning	Senior
Ruben Guerrero	Freshman
Ruben Ureno	Freshman
Salman Sakib	Graduate
Samuel Tawil	Senior
Sean O'Boyle	Sophomore
Spencer Mattzela	Freshman
Tung Tran	Freshman
tung tran	Freshman
Victoria G.	Junior
Walelegn Admasu	Freshman
William Goodwin	Freshman
Xavier	