



UNIVERSITY OF
ARKANSAS



UNIVERSITY OF ARKANSAS STUDENT CHAPTER INSTITUTE OF TRANSPORTATION

2017-2018 ANNUAL REPORT

Kelly Overturf
ITE Student Chapter President

Table of Contents

Introduction	3
Chapter Organization.....	4
ITE History.....	4
ITE Organizational Structure	4
Chapter activities	7
Officers Meetings.....	7
General Meetings	7
Student Participation in Regional Events	11
Student Leadership Summit, 2017	11
MOVITE Fall Meeting, 2017	12
Budget Fiscal Year 2017-2018.....	13
Student Members	15
Upcoming Events and Goals	16

Introduction

The goals of the University of Arkansas (UA) Institute of Transportation Engineers (ITE) Student Chapter this past year have been to increase the number of student members and engage student members with the professional community. Following a 15-year period of dormancy, the UA ITE Student Chapter seeks to revive the chapter structurally and create if not recreate the foundation on which the chapter will build on the next years. This year, the student officers were successful in registering the Chapter as an official Registered Student Organization (RSO). This allows not only for recognition by campus administration but also provides access to school funds for Chapter events.

Objectives for this year are to start engaging more with the professional chapter members in Arkansas and in the region, to increase the club's off-campus events, and get more students involved in meetings and leadership. As we wrap up an active 2017 and enter into a new year, we have planned several new events. This Spring 2018 semester we plan on attending the Student Leadership Summit in El Paso, Texas, hosted by the Southern Plains Transportation Center (SPTC), host three general meetings, and participate in the Joint International/Midwestern District/Great Lakes District Meeting in August. In addition to inviting ITE professional members as speakers to our monthly meetings, we plan to host a resume and interview seminar to prepare our student members for the STEM Career fair.

In this Annual Chapter Activities Report, you will find a description of the Chapter Organization, summaries of officer and general meetings, and highlights from two conferences in which our student chapter members participated. The report also contains the budget and provides an outlook on next year's activities. Questions and suggestions can be sent to the Student Chapter President, Kelly Overturf (ksovertu@email.uark.edu), or Advisor, Sarah Hernandez (sarahvh@uark.edu).



Kelly Overturf

ITE Student Chapter President
University of Arkansas

Chapter Organization

In this section, the history of our chapter is presented followed by a description of our organization structure and list of our officers.

ITE History

Although the University of Arkansas (UA) has offered a strong Civil Engineering program since 1897, it wasn't until October 29, 1993 that the ITE Student Chapter was first established under the MOVITE Section. The original student chapter advisor was Dr. Jim Gattis (Emeritus Faculty, UA). Upon its initial founding and for several years beyond, the student chapter was very active. However, the chapter became dormant over time. In 2015, the UA Civil Engineering Department hired Dr. Sarah Hernandez, who specializes in transportation systems engineering and planning. Dr. Hernandez, being a member of ITE, organized, with the help of Dr. Hall, a new student organization called Transportation Leaders of the 21st Century (TL21). TL21 is a product of the USDOT University Transportation Center (UTC) program, specifically, the Southern Plains Transportation Center (SPTC) housed at the University of Oklahoma. Dr. Hernandez proposed transitioning the TL21 group to an ITE Student Chapter in 2016. The new ITE Student Chapter created a constitution, assigned leadership roles, and began interacting with the professional ITE chapter members through monthly meetings and off-campus conferences. TL21 and ITE aiming to a similar objective. Both groups seek to introduce students to the transportation field and find ways to address current transportation issues. TL21 officers voted to re-register TL21 as ITE so that the dormant student chapter of the University of Arkansas might be revived at the start of the Spring 2017 semester. The ITE Student Chapter is now a Registered Student Organization (RSO) at the UA.

ITE Organizational Structure

Transportation Leaders of the 21st century (TL21) is the parent organization of the ITE Student Chapter at the University of Arkansas. All members of TL21 are encouraged to become national members of ITE, by explaining to member the importance of being a member of ITE in order to participate in ITE events such as national/regional conferences. While it is not required to be an ITE member in order to join TL21, every officer must register as a member of ITE. In addition to the faculty advisor, the leadership group consists of the following roles and responsibilities:

The President will:

1. chair all meetings of TL21 and call special meetings as needed
2. organize any elections associated with TL21 events
3. actively recruit new members on an event basis
4. maintain and update the constitution as necessary

The Vice President will:

1. chair any ad hoc committees or task forces of the organization
2. be in charge recruitment and outreach to new or continuing students
3. maintaining or finding a volunteer to maintain the TL21 Facebook page
4. manage and collect pictures of TL21 activities

The Secretary will:

1. create and maintain the organization's electronic membership directory that includes current names and email addresses

2. take, record, and file meetings minutes, produce all official correspondence for the organization

The Treasurer will:

1. maintain records and report on the financial transactions of TL21
2. develop and produce an Annual Report to SPTC, detailing TL21 activities conducted in the previous year

All officers and candidates for office must be currently enrolled, full-time students at the University of Arkansas with a minimum GPA of 2.50. Nominations for all offices open from the first week to the third week of the Spring semester. The President collects the names of the nominees and includes all nominees in the election ballot. Nominations close at the end of the third week of the spring semester. A simple majority is used to vote in new officers who were nominated by themselves or another member.

The officers are elected in the Fall semester and serve for one year. The officers for the 2017 and 2018 calendar years are as follows:

Role	2017 Fall Officers	2018 Spring Officers
President	Stephane Bossio	Kelly Overturf
Vice President	Diego Noriega	James Igwe
Secretary	Kelly Overturf	Isabel Messina
Treasurer	Anabella Monterroso	David Perez
Outreach chair(s)	Diego Noriega	Josh Baker
	Fu Durandal	
Faculty Advisor	Sarah Hernandez (Assistant Professor)	

In addition to the leadership positions, the group chose to include two additional leadership positions to carry out specific goals of the group. These specific roles are referred to as “pillars” of the organization and are as follows:

1. Pillar 1: Meeting with transportation leaders

Pillar I will be chaired by a student coordinator who is not serving as an officer. The student coordinator is responsible for communicating with the officers on the status and activities of the pillar. Pillar I activities will focus on two primary areas. First, invite transportation leaders to speak at TL21 meetings. Second, travel to local, regional, and state level transportation companies, agencies, and organizations to meet with transportation leaders. A key aspect of Pillar I is to expose students to transportation and leadership topics beyond the scope of typical required undergraduate courses.

2. Pillar 2: Outreach

Pillar II will be chaired by a student coordinator who is not serving as an officer. The student coordinator is responsible for communicating with the officers on the status and activities of

the pillar. Pillar II will focus on three primary areas. First, visit local K-12 schools to expose students to transportation engineering concepts. Second, attend career days for local K-12 schools, Freshman Engineering Program (FEP) Informational Department Sessions, and other related informational department sessions around campus. Third, serve as active members of the transportation community on both the UA campus and the City of Fayetteville.

Chapter activities

The ITE Student Chapter at the UA hosts several different kinds of events each year including Officer Meetings to plan and organize group events, General Meetings for all members, and student participation in regional or national events. Each are described in this section.

Transportation Leaders for the 21st Century | ITEUA Student Chapter

March 9th, 2017, 5-6pm | Bell 1108G
April 13th, 2017 5-6pm | Bell 1108G

Officers 2017

President
Stephane Bossio
swbossio@email.uark.edu

Vice President
Diego Noriega
danorieg@email.uark.edu

Treasurer
Annabella Diaz
samonter@email.uark.edu

Secretary
Kelly Overturf
ksovertu@email.uark.edu

Meeting Coordinator
Fu Durandal
frzhangd@email.uark.edu

Faculty Advisor
Sarah Hernandez
sarahvh@uark.edu
Office: Bell 4159

Our meeting this Thursday will be focusing on interview skills and preparation. Our speaker, Kelsey Lavigne is from the College of Engineering Career Services and she'll be giving a tutorial on interview skills. Join us for interview questions and **FREE FOOD!!**

Contact us:
Facebook: TL-21 at University of Arkansas
Email: tl21uofa@gmail.com

Officers Meetings

Officer meetings are usually held a week before the general club meetings. The officer meetings are for the officers to come together, brainstorm about future meetings and give new ideas to make the club better. The President and the Advisor would discuss what was planned for the future of the club and then the president would relay that information to the officers. The officer meetings also were to clarify and assign tasks so things such as the email announcement to the undergrad students would go out at a time that gave students enough time to RSVP for the meetings. Our goal for this year and the upcoming years are to create a more solid and organized foundation for the club.

Figure 1. Example of Event Flyer for Fall 2017 Meeting Dates

General Meetings

For the past three years, TL21 has had a general meeting, the first year (2016) the meetings were the first Thursday of every month, the second year (2017) the general meetings have been held on the second Thursday of every month, excluding January which there was no general meeting. The third year (2018) the general meetings are going to be held on the fourth Thursday of every month. Consistency in the meeting day/time is important for attracting students to the meetings. It also aids in coordination with other student groups such as ASCE and Chi Epsilon.

Most of the meetings were held on the UA Campus in Bell Engineering in room 1108G, with few in different rooms in Bell Engineering because of other conflicting meetings, at 5pm. The majority of the meetings included guest speakers who present on different transportation topics, while other meetings were voting for new officers, skill workshops or interview and resume workshops for the upcoming Career Fairs. Typically, emails were sent to the Civil Engineering Undergraduate list serve so all Civil Engineering students would have the information of the meetings. As well as the guest speakers,

TL21/ITE officers talked about upcoming external events and transportation related internship and summer job opportunities.

Starting in Fall 2017, the officers of TL21/ITE created an electronic RSVP form that was sent out with the email announcements. The RSVP form is beneficial to regulating student attendance, keeping member information, budgeting efficiently for food, and creating an easier system for club members to voice their opinion on what they are wanting from the club, i.e. more field trips, more “real world” examples, etc. With adding the RSVP forms, we started creating more colorful flyers and hanging them around the Engineering Building about a week before our club meeting.

In addition to monthly general meetings, students also attended external events. In addition, nine members of TL21/ITE attended the Midwest and Great Lakes District Student Leadership Summit at Purdue University from September 15-17th, 2017; six student members, including three officers, attended the Missouri Valley Institute of Transportation Engineering (MOVITE) Fall Meeting in Hot Springs, Arkansas from October 4-6, 2017. All five of the 2018 officers are attending the Southern Plains Transportation Center Transportation Leaders of the 21st Century (TL-21) Regional Student Meeting at UT El Paso from February 8-10th, 2018. Each of the 2017 events are summarized below.

February 2nd, 2017

Nathan Becknell, Missouri Valley Section ITE President 2017

Mr. Becknell talked about ITE and the different parts that make ITE. Mr. Becknell talked about the different sections and districts of ITE and more specifically, the section that includes the University of Arkansas. TL-21 transitioning into a student chapter of ITE offers club members a free year of membership to ITE and provides opportunities for funding and business connections. ITE has a Collegiate Traffic Bowl, one for each district and then a National Traffic Bowl for the winners of the district bowls.

March 9th, 2017

Kelsey Lavigne, University of Arkansas, College of Engineering Career Services



Figure 2. Students participate in resume and interview skills workshop

Mrs. Lavigne addressed interview skills and readiness. Mrs. Lavigne gave different types of potential questions interviewers could ask and provided tips for answering interview questions professionally and efficiently. Mrs. Lavigne discussed the different qualities and points that interviewers would be most concerned about such as; personal skills, how prepared and interested the student is in the company, problem solving, behavioral skills and manners.

April 13th, 2017

Danielle Shasteen, City of Bentonville, Senior Planner

Mrs. Shasteen presented about her urban city planning experience. Mrs. Shasteen talked about the benefits of learning about planning cities. City planners and civil engineers can occasionally butt heads with conflicting plans and opinions so it was interesting and important for future transportation engineers to see both sides of city planning. Mrs. Shasteen also discussed her time with city planning and what problems she has had to overcome. She talked about her favorite projects and how important she thinks city planning is.

Do you find yourself constantly saying... 'There has to be a better way??' Come to ITE and find out how Urban Planners make things better!! The student chapter of ITE invites you to our last general meeting of the semester to learn about Urban Planning

April 13th, 2017 5-6pm | Bell 1108G

Join ITE for our last meeting of the Spring 2017 semester with our speaker this month, Danielle Shasteen. She is a Senior Planner for the City of Bentonville and will be presenting on her urban city planning experience.

Officers 2017

President:
Stephane Bossio
swbossio@email.uark.edu

Vice President:
Diego Noriega
danoriga@email.uark.edu

Treasurer:
Annabella Diaz
samontor@email.uark.edu

Secretary:
Kelly Overturn
ksovertu@email.uark.edu

Meeting Coordinator:
Fu Usendal
frhangd@email.uark.edu

Faculty Advisor:
Sarah Hernandez
sarahh@uark.edu
Office: Bell 4159

Contact us:
Facebook: TL-21 at University of Arkansas
Email: t12luofa@gmail.com

Figure 3. Flyer for the April ITE Meeting

September 14th, 2017

Nathan Becknell, Missouri Valley Section ITE



Mr. Becknell is a perfect guest speaker for the first general meeting of the semester because he has been Vice President and President of the MOVITE District. Mr. Becknell talked about the benefits of becoming a member of ITE. Mr. Becknell talked about how ITE has meetings for each district and how University of Arkansas falls under the MOVITE district. The student chapters of ITE also come together for a Traffic Bowl Competition every year and University of Arkansas will be having a team compete hopefully in the next year or so.

Attendees: 21 (This is the first meeting we took attendance electronically)

Figure 4. Flyer for the September ITE Meeting

October 26th, 2017

Brian Vines, HALFF Firm, Traffic Signaling



Figure 5. Mr. Vines shows ITE members a traffic cabinet

Mr. Vines met the ITE Student Chapter officers at the MOVITE Fall Meeting in Hot Springs, AR. The officers invited Mr. Vines to visit our campus and talk about his work at our October meeting. Mr. Vines gave a fascinating presentation about traffic signalization. His presentation included many pictures of interesting traffic signal configurations and installations. After his presentation, Mr. Vines lead the group to the

traffic signal cabinet at the intersection of Arkansas and Dickson Streets. He opened the cabinet and talked about each of the components. He described how the components work and interact with the traffic signal heads.

Attendees: 29

November 16th, 2017

Officer Election



In November's general club meeting, the student members elected the new officers for the calendar year of 2018. The 2017 Secretary became the 2018 President and all new officers were elected. The conversation of a design competition for the new year was discussed and the plans for the club as a whole in the upcoming year. The student members discussed possible events for the 2018 year and suggested having more field trips off campus.

Attendees: 30

Figure 6. Flyer for the November ITE Meeting

Student Participation in Regional Events

Student Leadership Summit, 2017



Written by Fu Zhang Durandal

The Fall 2017 ITE 2017 Student Leadership Summit (SLS) hosted by the ITE Student Chapter at Purdue University was a great experience for our University of Arkansas ITE Student Chapter members. We traveled as group of nine students including myself (Fu Durandal), Khandi Gordon, Ian Hargrove, Randall Harper, Zayuris Mojica, Diego Noriega, Jonese Woods, Chris Faulkner, and Aleinys Rojas. The SLS was a valuable experience with various activities to participate in and meet with ITE members and chapters from around the country. It was great chance to meet distinguished ITE board members and professional engineers from companies that sponsored the event, a few of them being American Structurepoint, ITE Great Lakes District, EMCS, Trafficware, and Indiana Constructors.

The first activity on day one when we arrived to Purdue was a treasure hunt around their campus which was brilliant way of getting to know their campus. After the treasure hunt concluded, a social and dinner followed, where all the chapters that attended the summit introduced themselves and took part in an organized meet and greet. The next two days were full of events and seminars about different developments and research in the transportation field. The event was designed to have at least two presentations going on at the time so you could choose the one that had more relevant to you. Some examples of these events were the future of transportation with automated vehicles and the panel of young ITE engineers. The automated vehicles presentation introduced the current and future views of automated vehicles and what changes in planning for their major implementation would bring. It would change car ownership, the way people commute in passenger cars, and more importantly the transportation infrastructure therefore affecting the urban planning model. In the ITE Young Engineers Panel, professional engineers shared their experiences in the workforce and advice on steps to take when becoming a professional. Our group looks forward to participating in the event next year and perhaps even hosting one day.



Figure 7. UA ITE Student Chapter Members Attend the Student Leadership Summit at Purdue University

MOVITE Fall Meeting, 2017

Written by Karla Corro Diaz



Several ITE Student Chapter members from the University of Arkansas attended the 2017 Fall Meeting held in Hot Springs, AR on October 4-6th, 2017. This conference was hosted by the Arkansas Chapter of Institute of Transportation Engineers. The event was offered to professionals engaged in the planning, design and operation of transportation facilities as well as students member of the ITE chapters in the Missouri Valley Section. Participants had the opportunity to present their work and a variety of topics were covered. At this conference, everyone had the chance to take part in educational sessions, peer networking events, and preview of products and services available in the vendors section.

During the educational session, Dr. Sarah Hernandez, advisor of the ITE student chapter at the University of the Arkansas, and Karla Diaz, member of the UA Student Chapter, presented on educational outreach for middle and high school girls. Participants at the conference showed a lot of interest on the development of these outreach activities since it could serve as a useful tool for the Arkansas professional chapter to engage with local communities through university classroom visits and sponsored engineering summer camps. The students expressed interest some other ongoing projects that were discussed during the conference including "Modern Roundabouts, Where Do We Go From Here" by Finley Vinson and "Ethics and Confidentiality" by Richard William Geraci II. The last presentation mentioned was very important for us as students, who will soon practice in the professional field because it covered a number of different ethical situations commonly experienced by the professional engineers.

Overall, this conference was a great opportunity for the UA Student Chapter. As a student chapter, we would like to be more engaged in the activities by the ArITE chapter. Also, we want to thank the Arkansas Chapter of Institute of Transportation Engineers for the invitation to this event.

Figure 8. UA Student Chapter Members with ITE International President Shawn Leight at the MOVITE Fall Meeting



Budget Fiscal Year 2017-2018

Table 1. Budget Summary

Budget	2017	2018	2019	Total Budget	Total Expenses	Balances
Supplies	4,000.00	4,000.00	0.00	8,000.00	5,096.16	2,903.84
Travel	1,000.00	1,000.00	0.00	2,000.00	4,794.66	(2,794.66) ¹
Total	5,000.00	5,000.00	0.00	10,000.00	9,890.82	109.18 ²

Notes:

1. We are in the process of requesting supply funds to be transferred to travel to account for the overcharge shown in the budget summary.
2. We are anticipating additional funds for the 2017-18 academic year from SPTC. These funds will cover the meeting and travel expenses for the group this semester.

Table 2. Fiscal Year 2016 Budget

Date	Vendor	Travel	Supplies	Description	Status
09/14/2017	Walmart		1.08	TL-21 Student Group Meeting	
09/14/2017	Walmart		10.40	TL-21 Student Group Meeting	
09/14/2017	Chick-Fil-A		102.81	TL-21 Student Group Meeting	
10/25/2017	Walmart		4.17	TL-21 Student Group Meeting	
10/26/2017	Jimmy Johns		113.29	TL-21 Student Group Meeting	
11/14/2017	Walmart		4.17	TL-21 Student Group Meeting	
11/16/2017	Papa Johns		76.03	TL-21 Student Group Meeting	
11/14/2017	Amazon		221.25	Engineering Pads	
01/09/2018	Hernandez	1,646.07		MOVITE – Hot Springs, AR	
02/10/2018	Johnson Baker	435.00		SPTC TL21 Student Meeting	Estimated
02/10/2018	James Igwe	435.00		SPTC TL21 Student Meeting	Estimated
02/10/2018	Valeria Messina	435.00		SPTC TL21 Student Meeting	Estimated
02/10/2018	Kelly Overturf	435.00		SPTC TL21 Student Meeting	Estimated
02/10/2018	Joshua Perez	435.00		SPTC TL21 Student Meeting	Estimated
FY 2018	TOTALS	\$3,821.07	\$533.20	\$4,354.27	

Table 3. Fiscal Year 2017 Budget

Date	Vendor	Travel	Supplied	Description
08/20/2016	Sarah Hernandez	693.28		SPTC Symposium TL 21
09/16/2016	Fuel	78.47		Josilyn Mitchell, Ames, IA
09/19/2016	Enterprise	201.84		Rental car for ITE student leadership summit
09/20/2016	Qdoba		335.25	TL21 Student group meeting
10/06/2016	Walmart		5.20	TL21 Student group meeting
10/06/2018	Geraldis		300.00	TL21 Student group meeting
11/03/2016	Jimmy John's		218.95	TL21 Student group meeting
11/03/2016	Walmart		8.38	TL21 Student group meeting
12/01/2016	Qdoba		406.75	TL21 Student group meeting
02/07/2017	Walmart		10.43	TL21 Student group meeting
02/08/2017	Jimmy John's		215.82	TL21 Student group meeting
03/08/2017	Walmart		4.17	TL21 Student group meeting
03/09/2017	Walmart		195.56	TL21 Student group meeting
04/13/2017	Jimmy John's		73.62	TL21 Student group meeting
FY 2017	Totals	\$973.59	\$1,774.13	\$2,747.72

Student Members

Aaliyah Sutherland	Jacqueline Magana
Abdulaziz Salah	James Igwe
Adelaide (Chein-Yu) Wei	Jonathan Clemons
Ana Laura	Jordan Crawford
Anabella Monterroso	Josh Baker
Anna Claire Hunter	Joshua Perez
April Smith	Joshua Vines
Bailey Carr	Karla Diaz
Ben Bruick	Kelly Overturf
Brianna Warren	Maria Chong
Brogan Tyler	Nia Ortega
Caleb Zimmerman	Nicole Smale
Chase Allison	Nishant Patel
Cliff Weld	Odemaris Camarena
Connor Storey	Rene Diaz
Dayten Moses	Rickell Hardaway
Diego Noriega	Rilye Dillard
Edgar Soriano	Ryan Donnelly
Emily Sherrill	Shantel Romer
Fu Durandal	Stephane Bossio
Ian Hargrove	Tanner Poor
Jacob Murray	Will Callway

Upcoming Events and Goals

In addition to becoming more active, having a bigger presence on campus and our three general club meetings for the semester, the ITE Student Chapter at the University of Arkansas is happy to have all five of their officers attend this year's Southern Plains Transportation Center (SPTC) Transportation Leaders of the 21st Century (TI-21). This is our first external event of the 2018 year and the officers and club members are looking forward to attending more external events that ITE has to offer. This summer will be the first year that the University of Arkansas will have a team competing in the Traffic Bowl at the Joint International/Midwestern District/Great Lakes District Meeting in August. We are strongly encouraged by the Arkansas ITE Chapter members to attend the District meeting and are looking forward to participating. Students and officers are excited about the opportunity to grow within ITE.