

Institute of Transportation Engineers



Texas A&M University Student Chapter

2007 – 2008 Annual Report

Submitted: April 1, 2008

ite Institute of Transportation Engineers

ANNUAL REPORT OF STUDENT CHAPTER ACTIVITIES 2007-2008

1. Student Chapter Officers

President: Sunil Patil
Public Relations Director: Jon Re
Corresponding Secretary: Sam Prashiel Raj Madiri
Chapter Librarian: Rebecca Barkley
Welcoming Committee Chair: Ryan Eurek
Vice-President: Mehdi Azimi
Treasurer: Srinivas Geedipally
Membership Secretary: Fan Ye
Webmaster: Ben Sperry

2. Student Chapter Membership

Number of Student Chapter Members: 52 (Graduate: 38, Undergraduate: 14)
Number of Student Members of the Institute: 0
Number of Students eligible to be a Student Member of the Institute: 52
Number of Faculty Members who are current ITE members: 5

3. Information on Transportation Engineering Enrollment

Number of Undergraduate Students in Civil Engineering Department:
Full Time: 759 Part Time: NA
Does Curriculum Allow an Undergraduate Student to Major or Minor in Transportation: No
Number of Graduate Student in Transportation: 36 (all are full time students)

4. Summary of Student Chapter Activities

Please find the attachment.

5. Roster of Student Chapter Members

Please find the attachment.

Report submitted by:

Sunil Patil



(TAMUite Student Chapter President)
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Date: April 1st. 2008

Contents approved by:

Dr. Gene Hawkins



(Faculty Advisor)

EXECUTIVE SUMMARY

Texas A&M University student chapter of ITE (TAMUite) had a very successful year 2007-2008. TAMUite officers and members worked with great enthusiasm and determination. Both the previous and current officers were able to organize safe and successful technical field trips, social activities and service activities along with guest speaker events under the guidance of the chapter advisor, Dr. Gene Hawkins. Further, each of the officers helped to promote ITE in undergraduate and graduate classes by giving a short presentation about the chapter activities. As a result, TAMUite has seen rise in the membership by more than 50 percent from the previous year.

The chapter successfully completed various traffic studies involving more than 260 person-hours for the City of College Station. Last year, the members also volunteered their time for the trip generation study for ITE for which the chapter received a \$1000 grant. The chapter also had more student poster presentations in the Winter TexITE meeting than any other chapter present.

TAMUite is striving for excellence, fostering academic and personal growth, and promoting of the transportation profession. The chapter is looking forward to adding to the glory of a chapter which has won many outstanding student chapter awards at both the district and nation level since its foundation in 1962.

GUEST SPEAKER EVENTS DURING THE GENERAL MEETINGS

TAMUite is committed to bringing in the best speakers from both the public and private sector to talk about various transportation issues at the chapter meetings. As a result of the diverse offering of speakers and subject areas, the meetings were well-attended by students, faculty members, and research staffs. The usual attendance for the meetings ranged from 20 to 40 students. Last year the meetings were arranged in summer semester along with the regular fall and spring semester meetings. TAMUite provides free food at every general meeting. Various announcements about chapter activities are made during the general meetings and also students are encouraged to join ITE if they are not an ITE member.

APRIL 03, 2007 “Focus on the Central Texas Turnpike System”



Mr. Terry G. McCoy, P.E., TxDOT Area Engineer talked about the design, construction, environmental impacts, cultural resources, and aesthetics of the Central Texas Turnpike System and explained the effects of bond financing on the project.

JUNE 05, 2007 “How to Analyze Parking”

Ms. Elizabeth Crowe, P.E. and Ms. Christy Lambeth, P.E., DeShazo, Tang & Associates, Inc., Texas discussed in details about the five key steps for parking studies using the Park Cities Baptist Church parking study and the Dallas Market Center parking study as examples.



JULY 10, 2007 “Advanced Transportation Management Systems in the United States”



Mr. Kevin Balke, Ph.D., P.E., Director of the TransLink Research Center, TTI gave a presentation on the advanced transportation management systems including intelligent transportation systems, transportation management center, and emerging areas of emphasis for transportation management

JULY 31, 2007 “Zen and the Art of Presentation”

Mr. Gary Thomas, Ph.D., P.E., Director of Center for Professional Development, TTI highlighted ten pointers for a successful presentation. For each of the ten pointers, Dr. Thomas used vivid examples to explain why it is important and how it can be used to improve presentations.



SEPTEMBER 04, 2007 “The Balancing Act of Land Development and Transportation Infrastructure”



Mr. Bryan Jordan, P.E., Vice President, Jones & Carter, Inc. discussed the interactions between land development and transportation infrastructure along with the importance of balancing land development and transportation with two project examples to show the balancing act.

OCTOBER 02, 2007 “Using Tolls to Fund New Roadways and Estimation of Toll Revenue”

Mr. Justin Winn and Mr. Rajaneesh Jandhyam, Wilbur Smith Associates talked about the benefits of funding new roadways using tolls and how to estimate the toll revenue. Mr. Jandhyam further discussed how to use the four-step method for estimating toll revenue.



NOVEMBER 06, 2007 “Regional Roadway Operational Assessment”

Mr. Steve Taylor, P.E., P.T.O.E., Jacobs/Carter & Burgess, Inc. talked about congestion management using an integrated transportation management system. He explained Congestion Management Process (CMP) using a GIS-based congestion management system as an example.



FEBRUARY 12, 2008 “Houston Metro LRT Traffic Design and Analysis”



Mr. Marshall Cheek, Lockwood, Andrews & Newnam, Inc. presented the traffic engineering elements and problems in designing the Houston Metro Southeast Corridor Light Rail Transit system and explained signal design plans and traffic impact study conducted for the Southeast Corridor.

MARCH 18, 2008 “Innovative Financing of Highways” and “Real Life Choices, What You May Want to Think About When Selecting a Job”

Mr. Robert Daigh, TxDOT Austin District Engineer was one of the most interesting speakers we had this semester. Mr. Daigh gave very helpful tips about job offer selection and general information about highway financing.



TECHNICAL FIELD TRIPS

Houston TranStar & METRO, Houston, Texas



On July 12, 2007, 11 TAMUite members attended a field trip sponsored by the Undergraduate Transportation Scholars Program to Houston TranStar and METRO. Dr. Gary Thomas, TexITE student chapter liaison, accompanied the students on the trip. During the visit to Houston TranStar, Ms. Pat Pilkington and Mr. Jeff Weatherford led

the student members on a tour of TranStar's facilities such as the Office of Emergency Management Operations; and several traffic engineers gave the students a hands-on demonstration of the traffic operations equipments.

The visit to METRO began with Mr. Vincent Sanders' presentation on the history of METRO and the way in which it serves the City of Houston. Additionally, Ms. Monique Ward led the student members on a tour of METRO's facilities including the Rail Operation Center and METRO Rail simulator.



Port of Houston, Houston, Texas



On October 19, 2007, 21 TAMUite members attended a field trip sponsored by the Southwest Region University Transportation Center (SWUTC) to the Port of Houston. Dr. Gene Hawkins, TAMUite student chapter advisor, accompanied the students. The field trip began at Barbour's Cut Terminal

where Mr. Kevin Boyer led the student members on a tour through the yard. Also, he provided a brief of description of the logistics used when stacking the various containers. After leaving Barbour's Cut, the student chapter visited the Port of Houston main offices where Mr. Charlie Jenkins spoke to the students about the ways in which the port delivers goods. The Port of Houston field trip ended with a waterborne tour of the port.

PROFESSIONAL CONFERENCES AND MEETINGS

Summer TexITE Meeting



In June 2007, seven students represented the TAMUite at the TexITE Summer Meeting in Amarillo, Texas while interacting with professionals and also with the other student chapters of ITE. Additionally, two of the student chapter members, Tom Hartmann and Kevin Lipnicky, represented Texas A&M University with a presentation on the estimation of demand for the managed lanes in

San Antonio.

At the business luncheon, student chapter member Ben Sperry was awarded the Outstanding Student Award for TAMU. The TAMUite student chapter had accepted the responsibility to collect student resumes from all of the Texas District student chapters prior to the meeting and compiling them into a resume CD. As a result of the CD, several of the student chapter members were contacted by various professionals about future employment.



Transportation Research Board Annual Meeting

In January 2008, 6 members of the student chapter traveled to Washington, D.C. to attend the Transportation Research Board's 87th Annual Meeting. The tour was sponsored by the Civil Engineering Department at TAMU and the SWUTC. During the week, students attended various sessions on transportation-related topics while also taking part in both the poster sessions and the exhibits. Four TAMUite members Srinivas Geedipally, Byung-Jung Park, Tara Ramani and Xui-Gang Li presented their papers in the TRB.

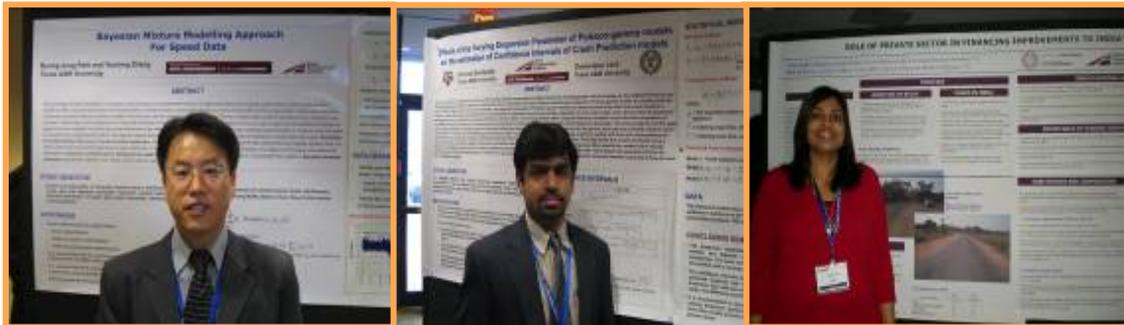


Winter TexITE Meeting



In January 2008, 14 students attended TexITE Winter Meeting in Irving, Texas. As compared to all other Texas ITE student chapters, TAMUite chapter had the most number of members present for the meeting along with maximum number of student posters. In this event, four of the student chapter members,

Xiugang Li, Srinivas Geedipally, Byung Jung Park, and Tara Ramani, represented Texas A&M University with four poster presentations in the Student Session of the meeting. Around 75 student resume CDs were distributed among the various professionals during the meeting.



TECHNICAL PROJECTS

To fulfill the goals of providing for the professional development and education of its members, the TAMUite student chapter actively seeks out opportunities to provide technical services to various groups. Last year, in response to the 2007 RFP issued to student chapters by International ITE, the TAMUite student chapter submitted a proposal which was accepted by ITE. The trip generation and parking data collection for a copy and print retail store located near campus was conducted and studied; and the report sent to ITE. TAMUite student chapter's report was selected and awarded a \$1000 grant. Recently, a proposal has been submitted in response to the 2008 data Collection Project, too. The chapter proposed to collect vehicle trip generation data at three self-storage facilities in College Station, Texas.

On November 14th, 2007 TAMUite carried out six hours (24 person-hours) of turning movement count for an intersection in College Station with the help of 12 TAMUite members for Bleyl & Associates.

In the month of January and February 2008, TAMUite conducted peak-hour turning movement counts at 18 intersections for the City of College Station, Texas. Around 26 students participated in the counts adding up to 264 person-hours of counting. This project was a huge task for the chapter considering the data collection efforts were done by the students during the semester among their classes and homework. Apart from successful collection of data, TAMUite members gained many insights into conducting traffic counts.

COMMUNITY SERVICE AND PROFESSIONAL OUTREACH

Involvement in the community is a significant and integral component of the TAMUite student chapter. It is important to promote the transportation profession and contributing to the advancement of the community. Community service and professional outreach events not only benefit the community, but help to facilitate friendship and unity among members. These charitable activities allow members to serve their neighbors, while growing as individuals.

Adopt-A-Highway



For the past seven years, the student chapter has participated in an Adopt-A-Highway program administered by the Texas Department of Transportation - Bryan District. The chapter is responsible for a two-mile section of roadway on FM 1687 in eastern Brazos County. This section is a well-traveled roadway and provides access to Lake Bryan,

a highly popular recreational area. Large amounts of roadway litter accumulate from the high volumes of traffic. TAMUite is responsible for picking up trash and litter on this section four times per year and assisting to preserve the natural beauty and integrity of the roadway. This year's Adopt-A-Highway events occurred on September 22, 2007, November 10, 2007, and March 1, 2008. The attendance for

those events ranged from fifteen to twenty-five participants. Special recreational activities, such as cookouts and gatherings, followed the trash pick-up and contributed to higher attendance.

Texas Transportation Institute Golf Tournament

The TAMUite student chapter assisted and participated in the Texas Transportation Institute Golf Tournament on October 14, 2007. The golf tournament was a special event that coincides with the 81st Annual TxDOT Short Course Conference at Texas A&M University. The golf tournament provided a beneficial opportunity of undergraduate and graduate students to enact with working professionals and gain valuable networking connections.

Aggieland Saturday

On February 16, 2008, members participated in this year's Aggieland Saturday event. Aggieland Saturday is a campus wide open-house to promote the top quality education and enriching lifetime experiences at Texas A&M University. Thousands of prospective students come to campus from all over the country to learn more about the university and engage in some of the Aggie traditions. TAMUite members volunteered in parking and traffic management at the North Campus Parking Garage. After the morning shift, volunteers had the opportunity to dine and converse with some of the prospective students at Sbisa Dining Hall. Members gained a great deal of satisfaction from this experience and event organizers were truly appreciative.

Big Event



Big Event is the largest, one-day, student-run service project in the nation where students of Texas A&M University unite to demonstrate their appreciation to the community through service activities such as yard work, window washing,

and painting for area residents. This year's Big Event was held on March 29, 2008 and there were fourteen TAMUite members signed up to participate. There was a social event after the community service.

COORDINATION WITH OTHER STUDENT ORGANIZATIONS

TAMUite has always worked along with other student organizations; it helps all of the members to gain something from other chapters. Members of India Association (IA) at TAMU actively participated in some of the social activities of TAMUite such as Cricket, sharing their knowledge of the game. In November, TAMUite members helped in selling tickets and attained a fund raising dinner called “Swaad” organized by another student organization, Association for India’s Development-TAMU Chapter (AID-TAMU). Also some Chi-Epsilon members joined TAMUite in the recent trash pick-up during Adapt-A-Highway.

Two of the TAMUite officers Sunil Patil and Srinivas Reddy served as session chairs for the first Civil Engineering Research Symposium organized by Association of Civil Engineering Doctoral Students (ACEDocs) to represent the Transportation Engineering Section and to encourage participation among the transportation students.

SOCIAL ACTIVITIES

One of the goals of the Texas A&M University ITE student chapter is to provide outlets for social interaction among the members of the chapter. Social activities also provide a means of recruiting new chapter members in an informal setting. Throughout the last year, the chapter has continued some very successful social initiatives and also starting several new ones.

April 20, 2007: SocialITE-Potluck Dinner



The second event in the popular “SocialITE” themed series of social activities was held at the home of a chapter member. Members shared their favorite dishes and sampled foods from around the world in the potluck meal. After the meal, members enjoyed playing video games on the Wii system.

Summer 2007: Tuesday Night Volleyball



Throughout the summer of 2007, chapter members who were in town, got together on Tuesday nights at a local park to play sand volleyball. By the end of the summer, there was enough experience at volleyball that the chapter fielded an intramural team during the fall semester.

September 22, 2007: SocialITE Event III

The third “SocialITE” event was held at the house of the chapter advisor, Dr. Gene Hawkins. Many chapter members and several other professors stopped by to enjoy hamburgers, hot dogs, and veggie kabobs. The host professor taught the chapter members how to play the dominoes game “42” while others socialized while watching college football on television.



October 20, 2007: Cookout and Cricket II



Following the success of the first cookout and cricket event, a second event was held. Chapter members enjoyed a cookout in advance of a spirited cricket match. Those who were not familiar with cricket, were instructed on the basics of the game by several chapter members, who also provided the equipment for the match.

November 9, 2007: Professor Appreciation Dinner

To show the chapter’s appreciation for the transportation engineering professors and all that they do for students, the chapter hosted a professor appreciation dinner at a local park. Chapter members socialized with the professors and their families and of course, no one in attendance went away hungry!



February 3, 2008: Super Bowl Party



The Super Bowl Party exposed many international students to the sport of American football and its championship game. In the spirit of cultural exchange, many in attendance brought their favorite dish to share in a potluck-style meal.

March 1, 2008: Post-Highway Cleanup Lunch

One of the traditions of the student chapter is to hold a social event after an Adopt-A-Highway cleanup activity. After the most recent highway cleanup, chapter members went to a local pizza restaurant to socialize and watch basketball on television. Members of the local Chi Epsilon chapter that had joined TAMUite members for the highway cleanup also enjoyed the lunch.



March 29, 2008: Social Event after Big Event



The Big Event was a lot of satisfying hard work. The students who participated in the Big Event with TAMUite got together for lunch in a local restaurant. TAMUite paid for the lunch as a token of appreciation. It marked the end of a successful service activity.

TAMUite STUDENT CHAPTER LIBRARY

The TAMUite student chapter library contains numerous useful resources, including various reference texts, books, and journals. The main purpose of the TAMUite student chapter Library is to aid chapter members in their research projects and coursework. The library presently has over 2,000 references and is

growing in size each year. Several publications in the library include ITE Journal, Transportation Research Record Journals, NCHRP and TCRP research reports, textbooks, and many other transportation-related references.

The TAMUite student chapter Library would not exist without the generous donations of reference materials from Texas A&M University professors, transportation professionals, and former students. Rebecca Barkley, the student chapter Librarian, is responsible for managing and maintaining the library, and is currently in the process of reorganizing the library to incorporate the many textbooks, journals and references donated recently by the late Dr. Daniel Fambro. The TAMUite student chapter is currently considering applying for a bulletin board with the Zachry Department of Civil Engineering. The bulletin board would be placed outside of the TAMUite office in the Civil Engineering building. The purpose of the board will be to display TAMUite student chapter announcements, recent accomplishments of the chapter members, and many awards that chapter has received.

AWARDS AND SCHOLARSHIPS

Awards and Scholarship



Many TAMUite members received various awards last year. Following is the list of students and the awards they won. Srinivas Geedipally [Academic Excellence Award TAMU, 2nd Place- Student Research Week at TAMU], Tom Hartmann [William R. "Dick" McCasland '55 Fellowship in Traffic Engineering], Rachael Stensrud [Keese-Wootan Fellowship], Ben Sperry [Keese-Wootan Fellowship], Yuangchang Xie [SWUTC Herman Award], Cameron Williams [Keese-Wootan Fellowship, ENO Fellowship and Naomi Lede Award], Kevin Lipnicky [Jacobs Engineering Scholarship], Xiugang Li [Sherryl and Steve Hofener '77 Fellowship, SWUTC regional Robert Herman Award and William J. Harris Award], Lindsay Liggett [Street Smarts Fellowship], Zhirui Ye [SWUTC-Robert Herman Award], Thanh Le [TAMUite Student Chapter Participation Award for Fall 2008].

TREASURER'S REPORT (09/01/2007 - 08/31/2008)

	<i>Category</i>	<i>Amount</i>		<i>Notes</i>
Income	Starting Balance (as of 09/01/07)		\$2,871.55	<i>Forwarded from last year</i>
	Membership Dues	\$65.00		<i>Waived for the first year for the new members</i>
	Department of Civil Engineering, TAMU	\$3,000.00		<i>Allotted to all student organizations annually</i>
	Jones and Carter	\$120.00		<i>Donated for arranging general meeting for them</i>
	ITE Polos and T-shirts	\$490.00		<i>ITE sells T-shirts to gain money and advertise ITE</i>
	Texas Section ITE (Honorarium)	\$472.55		<i>Donated for attending Winter TexITE meeting, Irving, TX</i>
	By Performing Traffic Counts	\$648.00		<i>For Bleyl and Associates in College station</i>
	By Performing Traffic Counts	\$7,920.00		<i>For city of College Station</i>
Total Income		\$15,587.10		
Expenses (until 03/31/08)	General Meetings	\$908.39		<i>Food and drinks for the meetings</i>
	Socials	\$419.84		<i>For food and other expenses</i>
	Conferences & Field Trips	\$1,067.42		<i>Registration, hotels, and Transportation</i>
	Administrative Expenses	\$239.15		<i>Copiers, binders and other office supplies</i>
	Miscellaneous	\$239.90		<i>ITE volleyball membership, Resume CDs for conferences, etc.</i>
	Total		\$2,874.70	
Planned Expenses (04/01-08/31)	General Meetings	\$480.00		<i>For meeting in upcoming months</i>
	Socials	\$840.00		<i>For socials in upcoming months</i>
	Summer TexITE Meeting, San Antonio, TX	\$1,062.25		<i>Registration, hotels and Transportation</i>
	Administrative Expenses	\$100.00		<i>Office supplies</i>
	Rewarding ITE Members for Traffic Count	\$3,207.52		<i>ITE members spent around 200 hours and thus ITE is planning to reward all the members</i>
	Total		\$5,689.77	
Total Expenses		\$8,564.47		
Ending balance (*expecting on 08/31*)		\$7,022.63		

ROSTER OF STUDENT CHAPTER MEMBERS

Student Chapter Officers

Officer Position	Calendar Year 2007	Calendar Year 2008
President	Cameron Williams	Sunil Patil
Vice-President	Lindsay Liggett	Mehdi Azimi
Corresponding Secretary	Yuanchang Xie	Sam Prashiel Raj Madiri
Treasurer	Srinivas Geedipally	Srinivas Geedipally
Membership Secretary	Tom Hartmann	Fan Ye
Public Relations Director	Jerremy Clark	Jon Re
Chapter Librarian	Sunil Patil	Rebecca Barkley
Webmaster	Ben Sperry	Ben Sperry
Welcoming Committee Chair	Kevin Lipnicky	Ryan Eurek

Student Chapter Members

First Name	Last Name	Degree	Expected Graduation Date
Alex	Borgan	BS	May-08
Andrew	Crump	BS	May-08
Brandon	Ash	BS	May-08
Brian	Bailey	BS	May-08
Bryce	Hagelstein	BS	Dec-08
Connor	McColloch	BS	Dec-08
Floker	Nathon	BS	May-08
Jorge	Urquidi	BS	Dec-08
Matt	Ciarkowski	BS	May-08
Rebecca	Barkley	BS	May-08
Sally	Birdsong	BS	May-08
Scott	Hughes	BS	Dec-08
Steven	Awdrews	BS	May-08
Urquidi	Jorge	BS	Dec-08
Xiaosi	Zeng	ME	Aug-08
Andrea	Howson	MS	May-08
Ben	Sperry	MS	Dec-08
Hien	Pham	MS	May-08

First Name	Last Name	Degree	Expected Graduation Date
Jon	Re	MS	Dec-08
Karteeka Ratam	Nalli	MS	May-08
Kwangkyun	Lim	MS	Aug-08
Kyoungmin	Cho	MS	Aug-08
Lin	Zhou	MS	Aug-08
Mandeep	Pannu	MS	May-08
Muhammad	Bari	MS	Dec-08
Nitin	Warrier	MS	May-08
Quaium	Ridwan	MS	May-08
Rahul	Putha	MS	May-08
Ryan	Eurek	MS	May-08
Sam Prashiel Raj	Madiri	MS	Dec-08
Shailesh	Chandra	MS	Dec-08
Sofia	Ramirez	MS	May-08
Sriram	Banda	MS	Aug-08
Stephen	Sprague	MS	May-08
Tara	Ramani	MS	May-08
Thanh	Le	MS	Dec-08
Uday	Kandolath	MS	Dec-08
Wonkee	Lee	MS	May-08
Rob	Rae	MUP	May-08
Jun	Huang	MUP	Aug-08
Arash	Rezaei	PhD	May-08
Byung-Jung	Park	PhD	TBA
Chung-Wei	Shen	PhD	TBA
Devanshukumar	Pandit	PhD	May-08
Fan	Ye	PhD	Dec-09
Jae Su	Lee	PhD	Aug-08
Kyungtae	Ryoo	PhD	Aug-10
Mehdi	Azimi	PhD	Aug-10
Pei-Fen	Kuo	PhD	Aug-10
Srinivas	Geedipally	PhD	Aug-08
Sunil	Patil	PhD	Aug-09
Xiugang	Li	PhD	Aug-08