



TENNESSEE SECTION INSTITUTE OF TRANSPORTATION ENGINEERS

2012 SECTION ACTIVITIES REPORT

**INSTITUTE OF TRANSPORTATION ENGINEERS**  
**Section Annual Report**  
**for the Tennessee Section (TSITE)**  
**January 1, 2012 to December 31, 2012**

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**SECTION 1: INVOLVEMENT OF SECTION MEMBERS**

The Tennessee Section of Transportation Engineers (TSITE) continued to maintain a full roster of the following Section officers and committee chairs in 2012:

**2012 TSITE Executive Board Officers**

President	Steve Bryan
Vice President	Jason Carder
Secretary/Treasurer	John Hunter
Past President	Chris Rhodes
Section Representative (11-12)	Kim King
Section Representative (12-13)	Kevin Cole
Affiliate Director	Dan Vincent

**2012 TSITE Committee Chairs**

Audit	Chris Kirby
Awards	Chris Rhodes
Career Development	Brian Haas
Legislative	Patrick Smith
Nominations	Chris Rhodes
Scholarship	Chris Rhodes
Technical	Brandon Baxter
Section Relations	John Hunter
Traffic Bowl	Greg Judy

**2012 TSITE Section Relations Committee Coordinators**

Membership	Beth Ostrowski
Newsletter	Gerald Bolden
Social Media	Heather Kraus
Website	Jeff Hammond

**2012 TSITE Student Chapter Liaisons**

Tennessee State University	Luke Dixon
Tennessee Tech University	Brian Haas
University of Memphis	Rick Gafford
University of Tennessee	Brian Haas
Vanderbilt University	Luke Dixon

**2012 TSITE Local Chapter Meeting Coordinators**

Chattanooga Area	Steve Meyer
Knoxville Area	Cindy Pionke
Memphis Area	Patrick Smith
Nashville Area	Brad Waldschmidt
Tri-Cities Area	Jason Carder

## 2012 TSITE Membership Totals

A very high percentage (88%) of TSITE non-student members are also members of International ITE (292 of 331 non-student members).

Membership Grade	Membership		Section Annual Dues
	TSITE	Int'l ITE	
<b>TSITE Member Grade</b>			
Honorary			
Fellow	23	23	\$15
Fellow Life	11	11	\$0
Fellow Retired			
Member	243	243	\$15
Member Life	4	4	\$0
Member Retired			
Associate			
Associate Life			
Associate Retired			
Institute Affiliate	4	4	\$15
Institute Affiliate Retired			
Esteemed Colleague	7	7	\$15
<b>TSITE Affiliate Grade</b>			
Local Area Affiliate	39	0	\$15
<b>TSITE Student Grade</b>			
Student Member	113	83	\$0
<b>TSITE Membership Grand Totals</b>			
TSITE Member Grade	292	292	88% of Non-Student Members are International ITE Members
TSITE Affiliate Grade	39	0	
TSITE Student Grade	113	83	
<b>All TSITE Members</b>	<b>444</b>	<b>375</b>	

## 2012 TSITE Member Award Recipients

The recipients of the following TSITE Member Awards received a wooden plaque and recognition at the TSITE Fall Meeting.

### Edward E. Watt Volunteer Distinguished Service Award

Purpose of Award: Presented to an individual who, over a period of years, has contributed outstandingly to the advancement of the transportation profession both at the Tennessee Section and at District 5 levels.

Recipient's Name: Alan Childers, Cannon & Cannon

### Tennessee Outstanding Individual Service Award

Purpose of Award: Presented to an individual who, over the previous year, has contributed significantly to the advancement of the transportation profession and at both the Tennessee Section and Southern District (District 5) levels.

Recipient's Name: Chris Kirby, CDM Smith



### Jack B. Humphreys Young Member Service Award

Purpose of Award: Presented to an individual who, under 35 years of age and over the previous year, has contributed significantly to the advancement of the transportation profession and at both the Tennessee Section and Southern District (District 5) levels.

Recipient's Name: Brandon Baxter, Ragan Smith Associates



## 2012 SDITE Member Award Recipient



TSITE was honored to have one of our own, Cindy Pionke, be selected as the recipient of the Marble J. Hensley Outstanding Individual Activity Award during the SDITE Annual Meeting in April. In addition, SDITE also recognized another TSITE member, Hollis Loveday, for his work efforts on the SDITE Operations Manual.

TSITE has a robust student program that involves students in Section activities. In addition, to free meeting registrations fees, TSITE regularly holds meetings at Student Chapters and is also continually expanding its student awards and scholarship programs.

## 2012 TSITE Student Paper Award Recipients

The recipients of the following TSITE Student Paper Awards received a check, certificate, and recognition at the TSITE Summer Meeting.

### **TSITE Student Paper First Place Award (\$500)**

Recipient's Name: Amber Woodburn, University of Tennessee-Knoxville

Title of Paper: Assessment of Public Transit System Service Impacts with Consideration for Pedestrian Service Corridors and ADA Compliant Pedestrian Infrastructure



### **TSITE Student Paper Second Place Award (\$250)**

Recipient's Name: Qiang Yang, University of Tennessee-Knoxville

Title of Paper: Driver Behaviors on Rural Highways with and without Curbs – A Driving Simulator Based Study

### **TSITE Student Paper Third Place Award (\$100)**

Recipient's Name: Hongtai Yang, University of Tennessee-Knoxville

Title of Paper: Tennessee Intercity Bus Travel Demand Determination and Network Evaluation



### **Robert Stammer Student Chapter Award (\$100)**

Recipient's Name: University of Tennessee-Knoxville ITE Student Chapter

Title of Paper: Presented to a Student Chapter who, for the school year, has contributed outstandingly to the advancement of the transportation profession in the Tennessee Section.

## 2012 TSITE Student Scholarship Recipients

TSITE has increased its student scholarship program to four \$2,000 scholarships. The recipients of the following TSITE Student Scholarships received a check, certificate, and recognition at the TSITE Summer Meeting.

### **William L. Moore, Jr. Student Scholarship (\$2,000)**

Purpose of Award: Awarded to engineering or planning student enrolled at a university within the State of Tennessee and who has demonstrated a strong commitment to the transportation profession.

Recipient's Name: Samantha Jeffries, Tennessee Tech University

### **T. Darcy Sullivan Student Scholarship (\$2,000)**

Purpose of Award: Awarded to engineering or planning student enrolled at a university within the State of Tennessee and who has demonstrated a strong commitment to the transportation profession.

Recipient's Name: Stephen Edwards, University of Memphis



### **TSITE Undergraduate Student Scholarship (\$2,000)**

Purpose of Award: Awarded to engineering or planning student enrolled at a university within the State of Tennessee and who has demonstrated a strong commitment to the transportation profession.

Recipient's Name: Kelsey Ford, University of Memphis



### **John R. Harper Memorial Student Scholarship (\$2,000)**

Purpose of Award: Awarded to engineering or planning student enrolled at a university within the State of Tennessee and who has demonstrated a strong commitment to the transportation profession.

Recipient's Name: Heather Housel, Tennessee State University

Note: The John R. Harper Memorial student scholarship award is funded by the Tennessee Department of Transportation and administered in conjunction with the other three TSITE scholarships.

## SECTION 2: FINANCES

The TSITE Executive Board approved to participate in ITE's Group Tax Exemption Program in 2012. Beginning in 2013, TSITE will follow ITE's procedural requirements and report our income and expenditures to the IRS via this program. TSITE also maintains a separate fund through International ITE where deposits and withdrawals are made from fundraising activities to the distribution of student scholarships. The following is a breakdown of TSITE's income and expenditures in 2012:

### **2012 TSITE Funds Breakdown**

<b>Beginning Balance (as of January 1, 2012)</b>	<b>\$10,778.49</b>
Income Summary:	
Membership Dues	\$2,826.00
Meetings	\$16,637.60
Sponsorship Income	\$600.00
Scholarship Fund (From Auction)	\$3,500.00
Scholarship Fund (From John Harper)	\$4,000.00
SDITE Reimbursement	\$400.00
SDITE Leadership Training	\$4,704.80
<b>Total Income:</b>	<b>\$32,668.40</b>
Expenditures Summary:	
Meetings	\$16,431.70
Cash Withdrawals for Meetings	\$1,400.00
Printing/Postage/Supplies	\$13.50
Awards	\$1,199.49
Special Projects	\$1,466.68
TSITE Traffic Bowl	\$400.00
SDITE Traffic Bowl	\$945.90
SDITE Auction Items	\$200.00
SDITE Leadership Training	\$3,747.51
ITE Tax Exemption	\$50.00
<b>Total Expenditures:</b>	<b>\$25,854.78</b>
<b>Ending Balance (as of December 31, 2012)</b>	<b>\$17,592.11</b>



## SECTION 3: LEGISLATIVE ACTIVITIES

The TSITE Legislative Committee is responsible for reviewing the Tennessee State House and Senate Transportation Committee and Subcommittee calendars and providing reports to our membership at our TSITE meetings. These reports can include the State Legislature's current activity especially the pending bills that pertain to transportation-related issues that affect TSITE.

The TSITE Legislative Committee's report at the Winter Meeting focused on a few of the legislative topics pertaining to transportation engineering, specifically Senate Bill #SB2455 and House Bill #HB2786. These proposed bills would require countdown timers to be installed at all intersections with unmanned traffic safety cameras implemented after July 1, 2012. There was some concern and lack of clarity regarding these bills. The upcoming Engineers Day on the Hill was also discussed.

On March 6, 2012, the American Council of Engineering Companies (ACEC) of Tennessee held the annual Engineer's Day on the Hill at the Tennessee State Capitol. This event provides engineers with an annual opportunity to interface with state legislators. The Engineer's Day on the Hill was attended by several TSITE members including Patrick Smith (Chair of the TSITE Legislative Committee).



The TSITE Legislative Committee's report at the Spring Meeting mentioned a few of the legislative topics that had been tabled and may not progress any further. One of the successful bills was Senate Bill #SB3742 and House Bill #HB3749. These bills will require members of the highway patrol investigating motor vehicle accidents on interstates to note on the accident report whether physical barriers are present at the site of the accident. This may be a source of additional valuable information for traffic engineers when reviewing crash data.

The TSITE Legislative Committee's report at the Summer Meeting focused on the MAP-21 legislation. This federal legislation authorized \$106 billion for transportation funding and had consolidated several programs. Steve Allen (Tennessee Department of Transportation Project Planning Division Director) mentioned that there have been 1.3 million crashes due to texting and cell phone usage. Steve mentioned that he wants TSITE and International ITE to work towards new legislation that could reduce texting and cell phone crashes.

The TSITE Legislative Committee's report at the Fall Meeting summarized the committee's activities during 2012, as well as their pledge to continue to monitor legislative bills in 2013. The main focus of the report centered on the MAP-21 legislation. In particular, it was noted that Tennessee ranked 15<sup>th</sup> out of the 50 United States in the amount of transportation funding that will be provided by the MAP-21 legislation. A follow up to the countdown timers legislation was also discussed with indications that the Senate and House bills did not appear to be progressing at this time.

## SECTION 4: MEETING/TECHNICAL ACTIVITIES

### TSITE Quarterly Meetings

TSITE meetings occurred on a quarterly schedule and with locations rotated throughout the state. The following is a summary of the TSITE meetings in 2012:

- Winter Meeting                      February 29, 2012                      Nashville, TN
- Spring Meeting                        May 16, 2012                            Chattanooga, TN
- Summer Meeting                      August 2-4, 2012                      Gatlinburg, TN
- Fall Meeting:                            October 18, 2012                      Jackson, TN

In addition to the presentations and other technical activities, the TSITE Spring Meeting included a technical tour of the Volkswagen America assembly plant. TSITE was also honored to have Becky White (SDITE President) attend two of our four quarterly meetings (Spring and Summer Meetings). The following is a summary of the TSITE meetings in 2012:

### TSITE Winter Meeting

Date: February 29, 2012

Location: Nashville, TN

Attendance: 83



The TSITE Winter Meeting is hosted every year by a TSITE Student Chapter to coincide with the annual TSITE traffic bowl competition. The host in 2012 was **Vanderbilt University** which held our meeting at the Vanderbilt University Club. This meeting environment provides the TSITE membership with a great opportunity to interact with our student chapter members.

The teams that competed in the TSITE traffic bowl competition were the **University of Memphis**, the **University of Tennessee-Knoxville**, and **Vanderbilt University**. The **University of Tennessee-Knoxville** won the competition and subsequently represented TSITE at the SDITE traffic bowl in April.



The following was the technical program agenda for the TSITE Winter Meeting:

- Presentation No. 1 – ITE Expert Witness Council  
Dr. Robert Stammer, Vanderbilt University, Dept. of Civil Engineering
- Presentation No. 2 – Roadway Safety Improvements in Tennessee  
Brian Hurst, TDOT Project Planning Division
- TSITE Traffic Bowl Competition (First, Second, and Final Rounds)
- TSITE Business Meeting
- Presentation No. 3 – 2011 Green Book: New Directions in Geometric Design Policy  
Marshall Elizer, Gresham, Smith, and Partners
- Presentation No. 4 – Roundabouts: A State of the Practice  
Daniel Spann, RPM Transportation Consultants

## TSITE Spring Meeting

Date: May 16, 2012

Location: Chattanooga, TN

Attendance: 65



The TSITE Spring Meeting was held at the Volkswagen America assembly plant. This was a significant TSITE meeting because it was the first meeting held that included our newest ITE student chapter, **Tennessee State University**, whose charter was approved at the SDITE Annual Meeting in April. Becky White (SDITE President) attended the meeting and formally recognized the new Tennessee State University charter and the six student members in attendance to our membership.

The TSITE Spring Meeting also included a technical tour of the Volkswagen America assembly plant. Opened in 2011, the plant's tour featured riding in shuttle vehicles with the tour leader describing the innovative and automatic processes of the assembly operations at each stop.



The following was the technical program agenda for the TSITE Spring Meeting:

- Presentation No. 1 – U.S. 64 (Corridor K) Analysis  
Wesley Hughen and Chester Sutherland, TDOT Region 2
- Presentation No. 2 – Railroad Spur to the Volkswagen Plant  
Tim Andrews, Hamilton County Railroad Authority
- Presentation No. 3 – Piedmont Mini-Roundabout Case Study  
Daniel Spann, RPM Transportation Consultants
- TSITE Technical Tour – Volkswagen America Assembly Plant
- TSITE Business Meeting
- Presentation No. 4 – Chattanooga's Approach to Adaptive Arterial Control  
Steve Meyer – Volkert

## **TSITE Summer Meeting**

Date: August 2-4, 2012

Location: Gatlinburg, TN

Attendance: 66



The TSITE Summer Meeting was held at the Park Vista Hotel. This TSITE meeting was our only meeting longer than one day because of the many technical and social activities scheduled during the program. Becky White (SDITE President) was in attendance at the meeting and was made a presentation on the technical program. Becky also attended our TSITE Executive Board meeting held during this meeting. The highlight of the meeting included the annual awards banquet and student scholarship auction. During the annual awards banquet, TSITE formally recognized the student paper winners, the student scholarship winners, and the best overall student chapter.

TSITE's student scholarship auction was again popular and successful in raising funds that go directly to fund the student scholarships. The results of the TSITE officer elections were announced during the business meeting segment of the program. The three newly elected members to the TSITE Executive Board for 2013 were Mike Conger (Secretary-Treasurer), Amanda Snowden (SDITE Section Representative), and Ben Sensing (Affiliate Director).





During the awards banquet, Jeff Hammond was also recognized and received a certificate for his 10+ years of dedicated service in maintaining the TSITE website. Starting in 2013, the website will be maintained by Luke Dixon (TSITE Technical Committee).

The TSITE Summer Meeting also included a Friday night social get-together at the popular local tourist attraction “Ripley’s Aquarium of the Smokies”. The following was the technical program agenda for the TSITE Summer Meeting:

- Presentation No. 1 – History of National Park Roads  
Imelda Wegwerth, Great Smoky Mountains National Park
- Presentation No. 2 – SR 66 Project Update  
Jennifer Stone, AMEC
- Presentation No. 3 – DDI on I-40 Exit 407 at Entrance to the Smokies  
Matt Meservy, AECOM
- Presentation No. 4 – Tennessee Intercity Bus Travel Demand Determination and Network Evaluation (**2012 TSITE Student Paper 3<sup>rd</sup> Place Winner**)  
Hongtai Yang, University of Tennessee
- Presentation No. 5 – Assessment of Public Transit System Service Impacts with Consideration for Pedestrian Service Corridors and ADA Compliant Pedestrian Infrastructure (**2012 TSITE Student Paper 1st Place Winner**)  
Amber Woodburn, University of Tennessee
- TSITE Executive Board Meeting
- Awards Banquet and Student Scholarship Auction
- Presentation No. 6 – Vehicle “Black Box” Update  
Don Moore, Engineering Forensics Group
- Presentation No. 7 – Flashing Yellow Arrow  
Dr. Airton Kohls, University of Tennessee
- Presentation No. 8 – SDITE Leadership Training  
Becky White, Sain Associates
- Presentation No. 9 – Signal Timing of Boulevard Lefts/Superstreets  
Sean Coleman and Chris Rhodes, Kimley-Horn Associates
- Presentation No. 10 – Ethics Seminar  
Dr. Chris Pionke and Dr. Glenn Graber, University of Tennessee
- Presentation No. 11 – Gatlinburg Parkway Streetscape Project  
Steve Fritts, Barge Waggoner Sumner and Cannon
- TSITE Social Get-Together – Ripley’s Aquarium of the Smokies
- TSITE Business Meeting

## **TSITE Fall Meeting**

Date: October 10, 2012

Location: Jackson, TN

Attendance: 38

The TSITE Fall Meeting was held at the Doubletree Hotel. This TSITE meeting included the recognition of the three TSITE member awards along with the recognition to outgoing TSITE President (Steve Bryan) for his service in the form of the Past President's plaque and gavel. This TSITE meeting also included the swearing-in ceremony for the TSITE Executive Board officers for 2013. The following was the technical program agenda for the TSITE Fall Meeting:



- Presentation No. 1 – HAWK Signal Deployment in Tennessee  
Steve Allen, TDOT Project Planning and Houston Daugherty, Cannon & Cannon
- Presentation No. 2 – Performance of InSync and Adaptive Traffic Control Devices  
Mark Sullivant, Rhythm Engineering
- TSITE Business Meeting
- Presentation No. 3 – Memphis ITS  
James Collins, Kimley-Horn
- Presentation No. 4 – I-40/I-240 Interchange  
Andrew Pinkley, Buchart-Horn

## **TSITE Local Chapter Meetings**

TSITE local chapter meetings are informal and provide our membership with additional opportunities to network within our organization and share informative ideas, lesson-learned experiences, and the latest news regarding our members. Attendance, normally around 8-10 members for a TSITE local meeting, can fluctuate to over 20+ members which are promoted and facilitated by meeting coordinators. The following was the typical schedule for the TSITE local meetings in 2012:

- Chattanooga Area Meetings: Met on the second Friday of the Month.
- Knoxville Area Meetings: Met on the last Thursday of the Month.
- Memphis Area Meetings: Meetings times/location varied.
- Nashville Area Meetings: Met on the last Wednesday of the Month.
- Tri-Cities Area Meetings: Meetings times/location varied.

## TSITE Sponsored Workshops and Training Sessions

Since 2008, TSITE has spent over \$7,600 sponsoring workshops and training sessions to support and provide our membership with additional continuing education opportunities outside of our quarterly meetings. These opportunities were supported in SDITE's 2010 Strategic Plan membership survey that showed "Training" being the second highest ranked answer regarding technical services within SDITE. Typically, TSITE sponsored workshops and training sessions are spaced near mid-points between the quarterly meetings and rotated throughout the state in order to accommodate our full membership as much as possible. For webinars and web-briefings, multiple host sites are normally sponsored by TSITE to maximize these training opportunities. TSITE sponsored the following two webinars in 2012:

Dates: July 11 & 12, 2012      Attendance: 12  
Presentation Topic: Roundabout Design and Construction – Key Issues and Solution Series

Date: November 13, 2012      Attendance: 37  
Presentation Topic: Innovative Intersection Design

## SDITE Leadership Training Program



TSITE held our second SDITE Leadership Training Program in 2012. This year's class included 12 TSITE members representing a wide array of demographics in our state, which included four city traffic/transportation engineers, one county transportation engineer, two Tennessee Department of Transportation ITS/traffic engineers, and five private sector consultants. The diversity of the 2012 class included selecting TSITE members from each of the three grand divisions of our state (four from east TN, five

from middle TN, and three from west TN) and selecting individuals who were at different stages in their leadership roles in their careers (i.e. beginning leaders, experienced leaders, and veteran leaders). The training was held in Mt. Juliet which is a central location in the state and was offered in two sessions held approximately one month apart.

Instructors for the leadership training involved a mixture of both SDITE and TSITE members, which included Becky White (SDITE President/ALSITE Member), Dr. Daniel Turner (ALSITE Member), Richard Atkins (NCITE Member), Marshall Elizer (Gresham, Smith and Partners/Past International ITE President), Dr. Bob Stammer (Vanderbilt University/Past SDITE International Director), and Jeff Welch (Knoxville Regional Transportation Planning Organization).

TSITE was fortunate to have John Schroer (TDOT Commissioner) be a guest presenter in the program. This year's instructors were comprised of several TSITE members who were in the 2011 inaugural class, which included Jonathan Cleghon (Metro Nashville Public Works/Engineering), Cindy Pionke (Knox County Public Works/Engineering), Ben Ledsinger (Smith Seckman Reid), Matt Cate (University of Tennessee Center for Transportation Research/Tennessee Transportation Assistance Program), and Ben Sensing (TSITE 2013 Affiliate Director/President of Quality Traffic Systems).



Following the formal training sessions, each TSITE member was paired with an accountability partner with whom they will meet periodically to discuss leadership goals and serve as a sounding board for one another. The 12 SDITE Leadership Training Program attendees have also agreed to help spread the SDITE leadership program in Tennessee via either a third offering or teaching a module at an upcoming TSITE quarterly meeting in 2013.

## TSITE Technical Activities

There were a variety of TSITE technical activities in 2012. They included:

- Technical programs offered at TSITE quarterly meetings
- TSITE sponsored workshops and training sessions
- TSITE sponsored a second SDITE Leadership Program
- TSITE members made presentations and participation at SDITE, ITE, and other national conferences
- TSITE members published papers with ITE and other national organizations

In addition to these technical activities, the TSITE Technical Committee met regularly together and worked on a couple of projects in 2012. Upon the completion and the successful launch of the *"DID YOU KNOW – Everyone Benefits from Transportation Impact Studies"* project in 2011, the TSITE Technical Committee was tasked to develop a 45-minute technical presentation in 2012. The intent of this project was to assist smaller communities who do not have an established traffic engineering practice or process to review traffic impacts caused by developments. The committee prepared and completed the Transportation Impact Study (TIS) presentation which was designed for a non-technical audience. The presentation included defining a TIS and its components, explaining when the preparation of a TIS is appropriate such as size thresholds for various development types, and offering examples of how a local agency might implement requirements for a TIS.



The committee identified several groups to which the presentation could be shared in order to reach out to smaller communities in Tennessee. The presentation was given in both 2011 and 2012 at the locations and events shown below:

- TAPA Winter Retreat (Fall Creek Falls) February 2012 – Brandon Baxter presented
- SDITE (Lexington, KY) April 2012 – An abstract was submitted but not selected for presentation
- TML Annual Meeting (Knoxville) June 2012 – Brandon Baxter presented



The TSITE Technical Committee was also tasked with overhauling and updating the TSITE website ([www.tsite.org](http://www.tsite.org)). The committee developed and evaluated many options including costs. These options were then brought to the TSITE Executive Board held during the Summer Meeting for final approval and were authorized to spend up to \$2,500 in having an outside vendor provide the TSITE website transformation.

The committee then finalized the content of the TSITE website and to solicit bids from different vendors to complete the website update. In November 2012, a vendor was selected and work began on the website makeover using Wordpress to enable easier maintenance and updates by future TSITE webmasters. Neel-Schaffer has graciously agreed to continue hosting the TSITE website on their server and Luke Dixon (Neel-Schaffer/TSITE Technical Committee) has agreed to become the TSITE webmaster.

## TSITE Media Outreach Activities

In addition to the website, TSITE also reaches out to our membership through the following media:

- TSITE newsletters entitled “Tennessee Transportation News”
- Like us on Facebook (<https://www.facebook.com/pages/Tennessee-Section-Institute-of-Transportation-Engineers/128510577201545>)

The coordination of these TSITE media outreach activities is facilitated within the TSITE Section Relations Committee.

## SECTION 5: STUDENT MEMBERS

### TSITE Student Chapters

One challenge that TSITE faces is that it has a large number of Student Chapters to support. The challenge also presents an opportunity for TSITE to influence a great number of potential future transportation professionals. Five TSITE Student Chapters are located throughout the state. The following is a list of the TISTE Student Chapters along with their faculty advisor and membership information:



#### **Tennessee State University TSITE Student Chapter**

Faculty Advisor: Dr. Deo Chimba

10 Student Members



#### **Tennessee Tech University TSITE Student Chapter**

Faculty Advisor: Dr. Daniel Badoe

7 Student Members



#### **University of Memphis TSITE Student Chapter**

Faculty Advisor: Dr. Stephanie Ivey

41 Student Members



#### **University of Tennessee-Knoxville TSITE Student Chapter**

Faculty Advisor: Dr. Stephen Richards

31 Student Members



#### **Vanderbilt University TSITE Student Chapter**

Faculty Advisor: Dr. Robert Stammer

24 Student Members

## TSITE Student Member Involvement

TSITE student member involvement is one of the most important priorities of our organization. Each of our five ITE Student Chapters has a dedicated TSITE liaison that coordinates and communicates directly with the school's faculty adviser and student members. In addition, the Career Development Committee communicates with each school's faculty advisor and student members to facilitate information from TSITE such as the student paper competition and scholarship applications.



As part of our normal operating procedures, TSITE covers 100% of the travel and meeting costs for student members to attend our quarterly meetings. At these quarterly meetings, TSITE members and students have the opportunity to communicate and share information with each other. As a result of our continual outreach efforts, a number of students from the **Tennessee State**

**University, University of Memphis, University of Tennessee-Knoxville, and Vanderbilt University** were able to attend at least one of our quarterly meetings in 2012. Their attendance was typically based on the proximity of the meeting locations to their campus, the social and technical activities on the program, and the free meeting costs. Special invitations to attend the Summer Meeting were also sent to the student member award and scholarship recipients. Since most students are on their summer break, these efforts of reaching out and providing monetary support were considered successful in that four of the seven TSITE student member recipients were able to attend the Summer Meeting last year.

TSITE received a total of 27 scholarship applications in 2012 from four schools (**Tennessee State University, Tennessee Tech University, University of Memphis, and University of Tennessee-Knoxville**), which was the highest number ever received from our student members. From discussions with the Scholarship Committee Chair, there were an abundance of outstanding applications during the evaluation process that made the selection of the top four best scholarship applications difficult. The TSITE scholarships equaled \$2,000 each, for a total of \$8,000. As a result of the successful number of scholarship applications received in 2012 and the expectations of similar results in the future, the TSITE Executive Board approved a fifth \$2,000 scholarship starting in 2013, bringing next year's total to \$10,000.

TSITE received a total of five student papers in 2012. The Career Development Committee evaluated the student papers and ranked them based on a variety of criteria such as originality, significance, validity, and applicability. TSITE student paper award recipients are also encouraged to present their winning paper at the Summer Meeting. Two of the three TSITE student paper winners were able to make presentations at the Summer Meeting. The three TSITE Student Paper recipients were awarded \$500 for first place, \$250 for second place, and \$100 for third place.

## TSITE Student Chapter Involvement

TSITE annually dedicates one of our regular quarterly meetings to support student chapter involvement. With the beginning of the annual TSITE Traffic Bowl in 2011, the host of the Winter Meeting has been located at a student chapter's campus for many reasons. First, this meeting eliminates the travel impacts to one of the participating universities. Second, this meeting promotes networking and encourages interaction between the students and TSITE members. Third, this meeting provides momentum to the winner of the traffic bowl competition with the SDITE competition being about two months later. Finally, the student chapter faculty advisors and student members feel a sense of satisfaction and self confidence in hosting the TSITE Traffic Bowl with their peer student chapters.



TSITE, in conjunction with our local affiliates, provided each of the traveling student chapters competing in the TSITE traffic bowl with money to assist them in their travel costs to attend the Winter Meeting. The **University of Tennessee-Knoxville** won the TSITE traffic bowl competition and represented our Section at the SDITE traffic bowl competition held in April. Even though they did not win the SDITE traffic bowl competition, there were many TSITE members in attendance at the meeting rooting for them with words of encouragement. TSITE

also covered 100% of the outstanding balance for the **University of Tennessee-Knoxville's** travel expenses to attend the SDITE Annual Meeting that were above the District's reimbursement limit.

Three TSITE student chapters (**University of Memphis, University of Tennessee-Knoxville, and Vanderbilt University**) submitted an Annual Report summarizing the previous year's student chapter activities. The Career Development Committee evaluated the student chapter reports and selected a winner for the best overall report based on a variety of criteria such as student chapter membership, meeting attendance and frequency, and their activities performed during the school year. From the committee's evaluation, the **University of Tennessee-Knoxville's** report was determined to be the best overall report in 2012 and, in turn, received the Robert Stammer Student Chapter Award along with \$100 to reward their efforts.

Many of our TSITE members made presentations at Student Chapter meetings in 2012. To assist the student chapters in their efforts to find presenters at the meetings, TSITE maintains a volunteer speaker list for its five student chapters. This list contains TSITE members that have agreed to make presentations at student chapter meetings.

## Tennessee State University ITE Student Chapter Charter (A summary of TSU's inaugural year in ITE is summarized below)

As a result of the determined efforts made by Dr. Deo Chimba (Student Chapter Faculty Advisor) beginning in 2011, **Tennessee State University's** application was approved for an ITE Student Chapter charter on April 15, 2012 at the SDITE Annual Meeting. Their first order of business was to elect officers for their ITE Student Chapter. The officers elected were:

- President: Kiara McCummings
- Vice President: Cory Walker
- Secretary: Daniel Emaasit
- Treasurer: Heather Housel



The newly formed **Tennessee State University Student Chapter** conducted regularly scheduled meetings during the Spring and Fall semesters in 2012. These meetings were used to conduct student chapter business and to provide updates regarding chapter events such as guest speakers, service projects, and conferences. One of their student chapter meetings during the Spring semester included a presentation by Steve Bryan (TSITE President) entitled "ITE, Planning, and Design". This presentation, which also included a discussion interaction with students, provided information regarding the benefits of being a member of ITE. The presentation also contained a couple of examples of some planning and design projects.



Six students from the **Tennessee State University Student Chapter** along with Dr. Chimba were able to attend the TSITE Winter meeting. During this meeting, Dr. Chimba and the students were recognized to our membership. They also witnessed the traffic bowl competition. After the meeting, the students indicated that they were motivated by their experiences and looked forward to participating in their first traffic bowl competition in 2013.

Later in the year, six students from the **Tennessee State University Student Chapter** were also able to attend the TSITE Spring meeting. As mentioned earlier on Page 10 of this report, Becky White (SDITE President) attended this meeting and formally recognized the new Tennessee State University charter and the students in attendance to our membership.