

INSTITUTE OF TRANSPORTION ENGINEERS

Section Annual Report

for the period January 1, 2008 to December 31, 2008
for the South Carolina ITE Section

I. Current Officers and Committee Chairs

President	Jae H. Mattox, III, EIT
Vice President	Bryan D. Webb, PE, PTOE
Secretary/ Treasurer	Jeffrey J. Ingham, PE, PTOE
Technical Chair	Sunny Nandagiri, PE, PMP
Membership Chair	V. Carol Jones, PE
Student Chapter Coordinator	Wayne Sarasua, PhD, PE
<u>Others:</u>	
Past President:	Hesha Gamble, PE, PTOE
Community & Outreach Chair:	Mike Ridgeway, PE
Section Representative:	William J. Davis, PhD, PE
Affiliate Director:	Don Turner, PE
Nominations/Awards:	Hesha Gamble, PE, PTOE
Scholarship:	Gaye Sprague, PE
Social / Golf:	Don Turner, PE & Mike Ridgeway, PE
Newsletter Editor:	Jae H. Mattox, III, EIT (see attached newsletters excerpts)
Website:	Berry Mattox, EI (refer to www.scs-ite.org)

II. Membership

Number	Membership Grade	Section Annual Dues Rate
17	Honorary	_____
	Fellow	\$ 20
	Fellow Life	_____
	Fellow Retired	_____
48	Member 10	_____
	Member	\$ 20
	Member Life	_____
	Member Retired	_____
	Associate 10	_____
	Associate	_____
	Associate Life	_____
	Associate Retired	_____
	Institute Affiliate	_____
	Institute Affiliate Retired	_____
103	Student Member	\$ 0
10	Esteemed Colleague	\$ 0
36	Section Affiliate	\$ 20

III. Financial

Does your section have a Federal Employer Identification Number? Yes No

Balance of Funds on hand at the Beginning of the Reporting Period:		\$ 14,692.66
<u>Income for the Reporting Period:</u>		
Membership Dues	\$ 2,020.00	
Gross Income from Meetings	\$ 2,410.64	
Advertising Income	\$ 0	
Other Principal Sources of Income:		
Golf Tournament	\$ 5,900	
Total Income:		\$ 10,330.64
<u>Expenditures for the Reporting Period:</u>		
Newsletter Printing/Postage	\$ 25.00	
Travel	\$ 0	
Meetings	\$ 2,744.22	
Awards	\$ 75.53	
Other Expenditures:		
Website	\$ 125.00	
Student Scholarships	\$ 3,000.00	
Contributions to Scholarship Funds	\$ 3,000.00	
Total Expenditures:		\$ 8,969.75
Net Income (Expense)		\$ 1,360.89
<u>Balance of Funds on hand at the End of the Reporting Period:</u>		\$ 16,053.55

Was there a change in the Section Bylaws during this reporting period? [] Yes [x] No

IV. Technical Activities

SCDOT Access and Roadside Management Standards – Jae Mattox

Several SCITE members assist with the review of the proposed revision to the SC DOT's Access & Roadside Management Standards (ARMS Manual). Specifically, section members helped develop the state's traffic impact study guidelines and provided guidance on driveway spacing and location standards. Revisions became effective on July 1, 2008 and updated many design criteria to current standards and place more emphasis on the need for proper engineering studies to determine the appropriate access design. Major changes and additions include traffic impact study guidelines, development of a driveway classification system, improved methods to determine driveway spacing/location, and criteria for the determination of sight distance. Guidelines for School Transportation Design was also updated and added as a chapter to this manual. The document is available at www.scdot.org/doing/trafficengineering.shtml#accessRoadside



Shared Parking for Minor League Baseball Games – Gave Sprague

This project addresses shared parking for the baseball stadium in downtown Greenville. Over 10 volunteers participated in data collection efforts and affiliated fieldwork associated with the SC ITE Section technical project, on August 13 and 14, 2008. Upstate SCSITE members and friends observed parking in Greenville's west end before and after the Greenville Drive (Class A affiliate of the Boston Red Sox) home baseball games at their recently constructed stadium, Fluor Field at the West End is a 5,700-seat baseball-only stadium that opened adjacent to downtown Greenville in 2006. Wil Ravenhorst will present results of the project at the upcoming Southern District meeting in Alabama.

Southern District 56th Annual Meeting Technical Program – Wayne Sarasua & Sunny Nandagiri

The 56th Southern District (5) ITE Annual Meeting provided an expanded technical program with a total of 68 conference presenters and workshops on timely topics including; "Proposed 2009 Edition of the MUTCD" and "Recent Updates to the Highway Capacity Manual and HCS+ Software." A technical tour was a harbor tour of the new Cooper River Bridge and State Port Authority terminal facilities.

V. Legislative Activities

ITE Policy and Legislative Committee and SC State Licensure – Gaye Sprague

Gaye Sprague, a member of the SC Section, served as vice chair of the international ITE Policy and Legislative Committee in 2008 and contributed to the Institute's crafting of a position paper for the reauthorization of Federal transportation funding. Ms. Sprague also followed up her state legislative activities in helping to pass legislation to provide a window of time and a process for allowing those with engineering technology degrees to become licensed in South Carolina. Ms. Sprague served on a review committee that recommended licensure for an individual to the sitting Board.

Motor Cycle Detection at Traffic Signals – Carol Jones

SCITE member Carol Jones, SCDOT Traffic Signal and Systems Engineer authored an article addressing how motorcycles can best be detected by loops at traffic signals. This article was written to address legislation proposed by the motorcycling community that would allow motorcycles to 'run' the light if the signal did not change in a reasonable time. SC lawmakers ultimately passed a bill in 2008 allowing bikers to run traffic signals legally, if the signal does not change within 2 minutes. Similar laws have been previously passed other states. The article is available at <http://www.scdot.org/getting/signals/>

VI. Meetings

Date	Location	Purpose	Attendance
Jan. 10	Charleston – DOT Dist. 6 office	LAC – planning for annual meeting	14
Feb. 1	Charleston – DOT Dist. 6 office	LAC – planning for annual meeting	15
Feb. 22	Charleston – DOT Dist. 6 office	LAC – planning for annual meeting	12
Mar. 7	Charleston – DOT Dist. 6 office	LAC – planning for annual meeting	10
Mar. 21	Charleston – DOT Dist. 6 office	LAC – planning for annual meeting	10
3/29-4/2	Charleston – Francis Marion Hotel	SDITE 56 th Annual Meeting	400
June 17	Greenville – City Range	Section Meeting & Technical Tour	32
Sept. 4	Columbia – Northwood's CC	Section Meeting & Golf fund raiser	40
Dec. 4	Columbia – MacDougall's	Awards Banquet & Christmas Party	55

VII. Student Chapter Activities

Institution	President	Advisor	Major activities
Clemson Univ.	Gabriel Dobbs	Dr. Wayne Sarasua	Technical & service projects
Univ. of South Carolina		Dr. Nathan Huynh	Workshops& forums
South Carolina State Univ.	Dirk Francis	Dr. Yuanchang Xie	Field trips & GIS seminar
Citadel (student members)	n/a	Dr. William J. Davis	Traffic service project
Detailed chapter activities provided in attached SCITE newsletters "Driver" excerpts			

VIII. Awards Presented

Award	Recipient	Purpose of Award	Form of the Award
Stafford-Clark Scholarship	Kelly Sprague	Recognize student achievement in transportation engineering	\$1,000 scholarship check
SCSITE Scholarship	Caleb Rodgers	Recognize student achievement in transportation engineering	\$1,000 scholarship check
Gilbert S. Rowe Scholarship	Josh Olson	Recognize student achievement in transportation engineering	\$1,000 scholarship check
Student profiles are provided in SCITE Newsletter "Driver" Vol. III, Issue I, pg 25-26.			

South Carolina ITE

2008 Annual Report - Attachments

1. SCITE Newsletter “Driver” Volume II, Issue I—Summer 2008 (excerpts)
2. SCITE Newsletter “Driver” Volume II, Issue II—Fall 2008 (excerpts)
3. SCITE Newsletter “Driver” Volume II, Issue III—Winter 2008 (excerpts)
4. SCITE Newsletter “Driver” Volume III, Issue I—Spring 2009 (excerpts)
(contains information on 2008 Section and Student activities)



DRIVER

Message from our President

Spring is in the air and we have definitely SPRUNG into action! We certainly made a nice impression with our outstanding hospitality during the Southern District Meeting in Charleston! I cannot say thank you enough to everyone, who pitched in to make the meeting a success, but we owe a host of thanks to our very own Jeff Davis and Colin Kinton, co-chairs of the LAC! They really outdid themselves, and we have received nothing but praise from everyone who attended! Not only was the meeting a rousing success, the icing on the cake was the awards we captured on our home turf---the Clemson student chapter took home the top prize with an outstanding comeback victory in the William Temple Scholarship Challenge (Traffic Bowl). Clemson also won the *Student Chapter of the Year Award* and the SC Section brought home the *Group 2 Outstanding Section Award!!* I am so proud of all the hard work that we have done, and these awards show how hard the members of the SC Section have really worked this past year. Special thanks to Jae Mattox for all of his behind-the-scenes work in showing how great we are in the SC Section! We are planning an exciting summer meeting in Greenville and I hope that you can all attend. Again, thank you SC Section for all you do!



Heshia Gamble, PE, PTOE

Heshia

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**2008
Dues are
now due.
Please pay
Debayan
Roy ASAP.**

SCDOT Releases 2008 Edition of the Access and Roadside Management Manual *Jae Mattox*

SCDOT's Access & Roadside Management Standards (ARMS Manual) has been revised, and the revisions will become effective on July 1, 2008. The revisions update many design criteria to current standards and place more emphasis on the need for proper engineering studies to determine the appropriate access design. Major changes and additions include traffic impact study guidelines, the development of a driveway classification system, improved methods to determine driveway spacing and location, and in depth criteria for the determination of sight distance. SCDOT's Guidelines for School Transportation Design has also been updated and added as a chapter to this manual.

The document is available free of charge in PDF format on the SCDOT website at the address below. An errata sheet, which is also available online, has been established and will be updated when corrections are necessary.



**Effective
July 1, 2008**

Download your copy today at.....

www.scdot.org/doing/trafficengineering.shtml#accessRoadside

2008 Southern District Meeting *Jeff Davis*



Jeff Davis, PhD, PE
The Citadel

After 3 years of planning and preparation, SC Section members and the Local Arrangements Committee successfully hosted the recent Southern District (5) ITE meeting at the Francis Marion Hotel. Charleston Mayor Joseph P. Riley and Citadel President Lt. Gen. John W. Rosa were on hand to take part in the opening ceremony. The annual meeting included an expanded technical program with a total of 68 conference presenters and Sunday afternoon workshops on timely topics including: “Proposed 2009 Edition of the MUTCD” and “Recent Updates to the Highway Capacity Manual and HCS+ Software.” Complimenting traditional technical sessions was a harbor tour aboard the Carolina Belle of the new Cooper River Bridge and State Port Authority terminal facilities. A total of 400 conference participants enjoyed great hospitality during a party at The Citadel Beach House and a terrific spouses program, which included a Historic Foundation tour of houses and gardens on Charleston’s East Battery. Ever since drawing to a close, feedback has been overwhelmingly positive. SC Section ITE and LAC members deserve lots of kudos for doing a fantastic job on behalf of our state and profession. More than this brief recap, pictures say a thousand words, so enjoy these scenes from the meeting.

Local Arrangement’s Committee	
Colin Kinton, Jeff Davis	LAC Co-Chairs
Wayne Sarasua, Sonny Nandagiri	Technical Program
Carol Jones	Volunteer Coordinator
Hernan Pena, Mark Nesbitt	Technical Tours
Eric Tripi, Bryan Webb	Registration
Susan Ruinen	Public Relations
Wil Ravenhorst, Brad Morrison	Finance
Larry Meisner	Hotel/Meals
Jae Mattox, Debayan Roy	Website
Hesha Gamble	Special Guests/Spouse Program
Jeff Ingram, Liz Carpenter	Entertainment
Mike Ridgeway	Golf
Byron Hood, Jim Stewart	ABD
Gaye Sprague, Howard Chapman	Special Guests/Sponsorship





News from the Clemson Student Chapter



Wayne Sarasua, PhD, PE
Clemson University
ITE Student Chapter

The Clemson ITE Student Chapter has had another busy spring. We started the New Year off by sending a dozen members to the 87th Annual Meeting of the Transportation Research Board in Washington D.C. The student members gave presentations, and attended various technical sessions and committee meetings that appealed to their individual interests. While in D.C., several Chapter members attended the ITE student member orientation held at ITE Headquarters as well as toured the National Transportation Safety Board Training Facility in Washington to learn about the TWA Flight 800 Crash Reconstruction. The tour was an incredible experience – one the students and faculty will never forget.

In February, the Chapter continued its fund raising activities by conducting a traffic count for a signal warrant study for Sprague & Sprague. Other February activities included sponsoring a table at the Clemson Elementary School's International Festival, sponsoring the tables for India and Sri Lanka and volunteering for Girl Scouts Engineering Day.

The highlight of the spring was the Southern District ITE Annual Meeting in Charleston. Clemson sent 9 students and 2 faculty members. Student Chapter Officers Priyanka Alluri (President) and Joann Zhou (Vice-President) participated in the conference's technical program. Three chapter members represented the State of South Carolina in the 2008 William H. Temple Scholarship Challenge (AKA Traffic Bowl). The students were MS students Sukumar Anekar and Swathi Korpu and Ph.D. Student Priyanka Alluri. In the first round qualifiers this Monday, South Carolina (Clemson) came from WAY behind to eliminate North Carolina (3 N.C. State students) and Virginia (3 Virginia Tech students) to advance in their bracket. In the finals on Tuesday, South Carolina represented entirely by Clemson, defended their 2007 title by beating Georgia and Mississippi State. Again, they did it with an amazing comeback. Clemson traffic bowl teams also won in 2006 and were runner-up in the inaugural 2005 competition.

In the awards banquet Tuesday night, Clemson took home the best student chapter award for the 5th straight year (and 7th time in the last 8 years). Jennifer Ogle was a co-advisor to the chapter this year and her efforts were instrumental to our success.



Clemson Student Chapter at the ITE Headquarters in Washington, D.C.



Clemson Student Chapter after winning the 2008 Traffic Bowl

The MST Program at South Carolina State University and the New Born SCSU ITE Student Chapter

South Carolina State University is the home to the James E. Clyburn University Transportation Center (<http://utc.scsu.edu/>), which is one of the 15 U.S. Department of Transportation Tier I University Transportation Centers. The University has a Master of Science in Transportation (MST) degree program that currently has about 15 students enrolled. Most students in the MST program are receiving financial support from the James E. Clyburn University Transportation Center in the form of fellowships and scholarships. Many research assistantships are also available for qualified students to gain valuable research experience. Students in the MST program have the flexibility to choose from a variety of courses and the option to concentrate on one of four areas: transportation system operations, transportation planning, transportation management, and intelligent transportation systems.



Yuanchang Xie, PhD
SCSU ITE Student
Chapter Advisor

Students in the MST program are very active in transportation research, and they also want to know more about the current practice of transportation engineering. In light of this, we decided to start an ITE Student Chapter here and submitted a formal application on April 21st, 2008. While waiting for this application to be approved at the Southern District ITE Board meeting in December, 2008, we held our first Chapter regular meeting On April 23rd. Mrs. Carol Jones from the South Carolina Department of Transportation gave us an excellent presentation on "Benefits of Retiming Traffic Signals". More than twenty students, faculty, and research staffs attended the meeting and greatly benefited from the lecture. After the lecture, we had our first officers election. The new born South Carolina State University ITE Student Chapter has an ambitious plan for the next year. In addition to guest lectures, we are planning several field trips to places such as traffic management centers, Port of Charleston, and logistics centers.

We are very grateful to be given this opportunity to publicize our MST program and the SCSU ITE Student Chapter. Also, we would like to take this opportunity to thank Mr. Eric Tripi and Mrs. Hesha Gamble for their help in starting the SCSU ITE Student Chapter. We look forward to having our application officially approved and to being a member of the South Carolina Section of ITE and the Southern District ITE.



SCSU ITE Members at their first chapter meeting.

Message from our President

Summer is here and it is HOT HOT HOT! For those of you working in positions that require outdoor activities, please take proper precautions in the summer heat. With summer also comes family vacations, and I hope you all are enjoying your vacations!

I want to thank everyone for their attendance at our Summer Meeting here in Greenville. We had a great showing with about 30 members and friends in attendance, including Susan’s darling son, followed by a delicious lunch at City Range. Our tour conductor, Phil Lindsay, City Engineer, led us through the ICAR campus. He gave us the skinny on the development of the project and showed us several interesting sites along the way as we cruised in an open-air trolley provided by the City of Greenville and the Greenville Drive. CU-ICAR is a model partnership and will provide many more learning opportunities for the engineering community. Special thanks to Wil Ravenhorst and Gaye Sprague, my fellow “Greenvillians” for their parts in putting together the Summer Meeting.

Our section will be doing data collection for our technical project on August 13 and 14 in Greenville. Please contact Gaye Sprague for more information. Also, please join us in Columbia on **September 4th** for our **Fall Meeting and Scholarship Golf Tournament**. You will find more information about it in the newsletter.

I challenge you to reach out to other transportation professionals and invite them to become active in our section. Also encourage student involvement wherever possible so that we can continue to reach our younger membership. For those of you going to the Annual Meeting in Anaheim, I wish you safe travels and exciting learning opportunities!

At your service,

Hesha



Hesha Gamble, PE, PTOE

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2008 Dues are now due. Please pay ASAP.



Fall Meeting and Scholarship Golf Tournament

As you know, the fall meeting and scholarship golf tournament is set for September 4 at Northwood's Country Club in Columbia. Our meeting and lunch will begin at 11 and the golf tournament will immediately follow. Jenny Humphries, of Wilbur Smith & Associates will give a presentation on Commuter Rail in the Charleston area.

Please RSVP to Jae Mattox at mattoxjh@scdot.org by Wednesday August 27

Technical Project Update—Volunteers Needed *Gaye Sprague*

Plans have been finalized for the data collection portion of our section technical project. We will be doing an "after" study regarding shared-use parking for the downtown baseball stadium in Greenville. The dates are Wednesday, August 13 and Thursday, August 14. We want to study both nights and will meet in the County Square parking lot at 5:15. Then we'll each have an area in which we will count parked cars at 5:45 and then again at 7:15. After that, we'll meet at the front gate of the stadium. The City of Greenville is being our host for the game. (If you can't stay, that's OK too.)

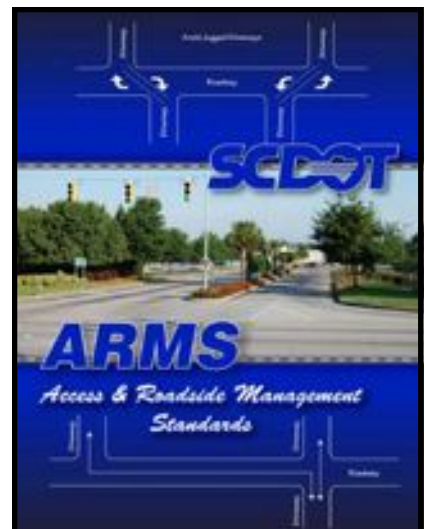
Please e-mail Gaye Sprague at gayesprague@cs.com if you can help. Everyone is welcome! We can only supply game tickets to those who help with the counts, but anybody that can join us at the game, you can get your own general admission ticket and join us for the game even if you can't help with the counts. The City of Greenville is also going to take aerial photographs on the 14th to support our efforts, so we should have a great project to turn in to Southern District. Please try to participate.



SCDOT Releases Erratum to 2008 ARMS Manual *Jae Mattox*

On July 1, 2008 the SCDOT released its 2008 Edition of the Access and Roadside Management Manual. Since that time, various errors have been identified which have made it necessary to create an errata sheet for the document. If you printed the document prior to the date of the latest erratum (July 28, 2008), then please go to the SCDOT website and print the errata sheet which contains the corrected sheets for the document.

<http://www.scdot.org/doing/trafficengineering.shtml>



South Carolina Students Win First and Second Place in National Poster Contest as Part of National Transportation Week

Two South Carolina fifth-grade students won first and second place in a national poster contest as part of National Transportation Week. The national first place winner was Sean Connor (front, center holding plaque) of Whittaker Elementary School in Orangeburg. Mitch Garrett, of Fork Shoals School in Greenville, was the national second place winner.

Across South Carolina, there were more than 1,100 entries from students participating in the poster contest. In a ceremony held in Columbia on May 15, the first prize winner received a \$200 savings bond to the student and \$500 award to the student's school. The second prize winner received a \$100 savings bond to the student and \$200 award to the student's school.

During the ceremony, 86 students were honored as 1st, 2nd, or 3rd place winners in their respective counties. In addition, 7 Highway District Winners and the State Winner were announced. Sean Connor also was the State Winner. Held on May 11-17, 2008, National Transportation Week provides an opportunity for the transportation community to join together for greater awareness about the importance of transportation. National Transportation Week also focuses on making youth aware of transportation-related careers.

The award was presented to Sean Connor in Columbia on May 15. Shown from left are: John Connor (his father), Harolyn Conner (his mother), Ashton Conner (his brother), Jae Mattox of the South Carolina section of the Institute of Transportation Engineers, Sean Connor, SCDOT Deputy Secretary of Finance and Administration Debra Rountree, SC Division Administrator of the Federal Highway Administration Bob Lee, SC Alliance to Fix Our Roads Executive Director Debbie Bass, SCDOT Deputy Secretary For Engineering Tony Chapman and FHWA Office of Professional and Corporate Development Associate Administrator Joe Toole.



Iteris' Eric Tripi Selected to serve on ITE's Manual of Transportation Studies Manual Committee *Eric Tripi, P.E., PTOE*

Back in May, ITE sent out an e-mail to all members asking for volunteers to serve on a Technical Advisory Committee (TAC) to develop a second edition of the *Manual of Transportation Engineering Studies*. This manual, many of you may have seen a copy, contains discussions on the different types of traffic and transportation studies and how to collect various kinds of traffic data. Since 1994 when the first edition of the *Manual* was published, technologies and standards of practice have evolved significantly. So, ITE was seeking help in updating this important reference to reflect the current state of the practice.

As a traffic engineer, I've always felt that traffic and transportation engineering studies formed the backbone of our profession and thus should be taken very seriously. Therefore, the opportunity to serve on this committee really intrigued me. I decided to go ahead and send in a letter of interest and resume. Well, to my surprise, I was selected to serve on the TAC along with 10 other professionals from around the world. I was thrilled!



Eric Tripi, PE, PTOE
Iteris

The TAC all convened at ITE Headquarters in Washington D.C. on June 24th and 25th to begin the process of revising the 514-page manual. The first day there, we were shown around ITE Headquarters (which is located just a few blocks from the White House) by ITE's Executive Director and CEO, Tom Brahms. I was amazed at the number of people that they employ and the different types of work they do. All types of professionals work there: engineers, planners, marketing directors, technical writers, graphic artists, and a large support staff. Their publications room alone was huge – they send out hundreds of manuals, books, and other materials each week. A very impressive operation.

ITE has a great brainstorming process that they use to update all of their manuals. Our 11-person TAC sat around a huge table along with Tom Brahms, who sat in periodically, and other ITE staff and just threw out ideas. Although we did follow an agenda, the cross-firing of ideas was amazing. Our goal was to shape the content for the new *Manual*. We more than shaped the content. If anyone has seen the manual, as mentioned earlier, it has 514 pages. One of the things that came out of our roundtable discussions was the potential for the manual to be split into two volumes that can be sold together or separately. One volume would have a soft cover, made for field use, and just contain a step-by-step guide on how to do all kinds of different traffic data collection studies, e.g., gap studies, stopped-delay studies, turning movement counts, queue studies, etc. The other volume would be a hardcover manual with more detailed discussions about all of the different types of traffic and transportation studies, e.g., traffic impact studies, crash studies, goods movement studies, etc. It is unknown at this point if this is the direction the manual will go; however, it is the one I endorse!

The RFP should be posted by early August for anyone interested in taking on the work of rewriting the manual per the guidelines developed by our TAC.

Overall, it was a great experience for me and I would recommend to anyone interested to seriously consider trying to get on a future TAC manual update. It is very rewarding!





Wayne Sarasua, PhD, PE
Clemson University
ITE Student Chapter
Advisor

News from the Clemson Student Chapter



The Clemson Chapter has been pretty quiet since returning from the District Meeting in Charleston. The students had only a few weeks to hit the books before final exams. The summer is typically quiet, and this year is no exception. Members are either working on research projects in Clemson, doing internships, or are traveling. Student Chapter President Priyanka Alluri just completed her Master's and is in India until the end of August. She'll return a married woman pursuing a Ph.D. at Clemson. Chapter Secretary Joann Zhou is also pursuing her Ph.D after just completing a Master's.

The Chapter is looking forward to the new school year and defending their Southern District Best Student Chapter title.



Clemson Student Chapter at the ITE Headquarters in Washington, D.C.



Clemson Student Chapter after winning the 2008 Traffic Bowl

SCSU ITE Student Chapter Research



Yuanchang Xie, PhD
SCSU ITE Student
Chapter Advisor

In the summer, many students in the transportation graduate program at South Carolina State University are busy with various research projects and internships. Mr. Otukile Lekote, who is the Secretary of SCSUITE Student Chapter, is working on a research project titled “A Real-Time GIS /Hydrology Flood Warning system for First Responders in Rural Areas”. This project seeks to integrate readily available hydrology models with accumulated and real time precipitation data to predict the likelihood that transportation infrastructures, e.g. roads, bridges, underpasses, etc in rural areas will be flooded during severe rain events. The integrated system can greatly assist emergency and rescue personnel in identifying potentially flooded transportation infrastructures and finding the shortest and most reliable route to send help to the corresponding areas.

In this project, the Watershed Modeling System (WMS) developed by the Environmental Modeling Systems, Inc. is being used to model surface water conditions. The output from the WMS will be fed into ArcGIS to overlay with transportation infrastructures, and the result will allow areas that are highly likely to be impassable to be identified. The project is still at its preliminary stages. Several study sites have been visited and their characteristics that will play a role in the model calibration and validation have been documented. More areas will be visited in the rest of the summer. The research team has started to model some of the sites that have been visited, and has also started to create the framework of the final product, an internet server-client mapping system. Once the WMS model is completed, it will be integrated with the ArcGIS system and made available on the internet.

Otukile is playing a key role in this project. He has been working hard with Dr. Stephen Katzberg to collect and process all the data required by the WMS in the summer and has done a great job. He is now assisting Dr. Di-Wen Chen in getting the WMS up and running. Otukile enjoys working on this project very much and has decided to use this topic for his thesis. Otukile also learned a lot from what he has done for this project. He is now very familiar with the latest ArcGIS products such as ArcMap.



From left to right Dr. Tom Whitney, Dr. Stephen Katzberg, and Otukile Lekote





DRIVER

Message from our President

Wow how time flies! Fall is here and that means the holidays are right around the corner. In these tough economic times, it is important to take time to reflect on the things we are thankful for. Be sure to help the less fortunate in your respective communities during this holiday season. There is no greater gift to give than service to others.

Thanks to all for the overwhelming participation in our Annual Scholarship Golf Tournament. This was a banner year for us as we made approximately \$6000 toward our scholarship fund! Special thanks go to Mike Ridgeway for his coordination of the tournament and solicitation of sponsors. The SC Section would also like to thank Bill Dubose (SC Concrete Paving Association) for sponsoring the refreshments! Finally, thanks to Jenny DuBose of Wilbur Smith for her great presentation about commuter rail.

Please join us in Columbia on **December 4th** for our **Annual Holiday Meeting and Party**. This will be our last meeting of the year. You will find more information about it in the newsletter.

As always, I challenge you to reach out to other transportation professionals and invite them to become active in our section. Also encourage student involvement wherever possible so that we can continue to reach our younger membership.

I look forward to continuing my work with our section to make it the best in the nation! As we close out 2008, I just want to thank all of you for making this year as president an outstanding experience. Your words of encouragement and support and willingness to work meant so much. You worked extremely hard to make our section shine, and I appreciate all of your efforts. The work we did this year to put on the Southern District Meeting afforded me the chance to get to know many of you more personally and I will never forget this experience. Thank you for giving me the opportunity to serve you!



Heshha Gamble, PE, PTOE

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ASAP.**

Heshha

SCSITE 2008 CHRISTMAS PARTY NEW LOCATION—SAME DESTINATION



DECEMBER 4
6:00 PM
MacDougall's
Restaurant
and Bar

The SCSITE Annual Christmas Party will be held on Thursday December 4th at MacDougall's Restaurant and Bar in The Vista (902 Gervais St Ste F, Columbia, SC 29201-3191) from 6:00pm to 9:00pm.

Food will be slightly different this year consisting of small buffet with a salad bar, hot wings, chicken fingers, collard green egg rolls, sweet potato fries, and cheese quesadillas.

We will have a short program which will be followed by the presentation of the student scholarships. The cost of the party will be \$15 which includes food and drinks (tea, soft drinks, beer, and wine).

Please RSVP for the party by November 21 by emailing Bryan Webb at bwebb@davisfloyd.com. Spouses are welcome!

This event is always a lot of fun so don't miss out.!



Technical Project Update *Gaye Sprague*

Many thanks to everyone who participated in the field work for our Section technical project. On August 13 and 14, upstate SCSITE members and friends observed parking in Greenville's west end before and after the Greenville Drive games. Once we process the data, we hope to understand the used of shared parking for baseball games.

Thanks to the generosity of the City of Greenville those participating were able to attend the game and enjoy some all-American ball park food. The City also had aerial photographs taken of the area. Special thanks to Phil Lindsay, City Engineer.

These are the good souls who participated: Valerie and Chris Dewey, Brenda and Mark Farren, Gaye and Joel Sprague, Will Ravenhorst, Kurt Walters, Fei Yuan, Elizabeth Garrison (Gaye's sister), and Lee Chapman (Elizabeth's boyfriend). It was fun to be together and hopefully we'll soon have some information to share.



Treasurer's Report *Bryan Webb*

Checking Account:	\$16,053.55
Stafford/Clark Scholarship Fund:	\$19,431.10
Rowe Scholarship Fund:	\$16,588.16



Bryan Webb, PE, PTOE
Davis & Floyd

Scholarship Golf Tournament—HUGE SUCCESS

Mike Ridgeway

This year's scholarships tournament was a huge success. This year we held our tournament in loving memory of Ben Sprague and it truly was a very special day. We had beautiful weather, a record number of teams, thirty (30) sponsorships and we raised \$6,000 for the scholarship program. I can't thank everyone enough for their generosity. It really speaks volumes about our section that in a down economy we had our best year ever!

I'd like to give a couple of special thank yous to the following:

- Gaye Sprague & Elizabeth Garrison (Ben's mom and aunt) - for playing in our tournament and for their special words prior to the tournament.
- Don Turner & Byron Hood- for helping me this year and every year organize the tournament.
- Bill Dubose (SC Concrete Paving Association) - for providing us with beverages and snacks on the course. We couldn't do this without your support Bill.
- Greg McBride (Northwood's Golf Course) - who makes this tournament affordable for us every year. Thanks for being so easy to work with and allowing us to raise money for a good cause!
- Jenny Humphries (Wilbur Smith) - for giving a great presentation prior to the tournament, and for working on a short notice.
- To the lovely cart girls Brenda Farren, Jennifer Bihl, & Dipak Patel. The service was great!

I would like to end by recognizing all of our sponsors again. This is where we make our money and we sincerely appreciate your generosity. Due to the success of this year's tournament, we will likely hold it in the Fall again next year. This seems to work better for most people as opposed to the Spring.

Also, if you love cold weather golf, there will be a golf outing prior to the December 4th Christmas party in Columbia. Please email me at mridgeway@srsengr.com if you are interested. We are going to try and play the University Club at Cobblestone Park. You will like this course.

Thanks again everyone! I hope to see you all soon.



2008 Tournament Champions

(Left to Right) Valerie Holmes, Mike Ridgeway, Wil Ravenhorst, Gaye Sprague

News from the Clemson Student Chapter Gabriel Dobbs

The Clemson ITE student chapter would like to take a brief moment to thank Priyanka Alluri for her service as the Clemson ITE student chapter president for the year 2007-2008. She did a wonderful job.

The Clemson ITE chapter is pleased to announce for the 2008-2009 year, the officers are as follows:

- President – Gabriel Dobbs
- Vice President – Jonathan Dillon
- Secretary – Tahera J.
- Treasurer – Sara Familian
- Advisors – Jennifer Ogle & Wayne Sarasua

The chapter began the fall with an information session outlining the chapter's involvement in the technical and social communities over the last few years. Highlights included the chapter's success at last year's SDITE meeting in Charleston, SC taking home the traffic bowl championship and the best student chapter award. Also discussed was the chapter's recent involvement in Hurricane Katrina relief efforts and various traffic studies performed for the city of Greenville and the city of Clemson.



Wayne Sarasua, PhD, PE
Clemson University
ITE Student Chapter
Advisor



Clemson Student Chapter takes some time away from the Transportation Research Board Annual Meeting to tour Washington, DC

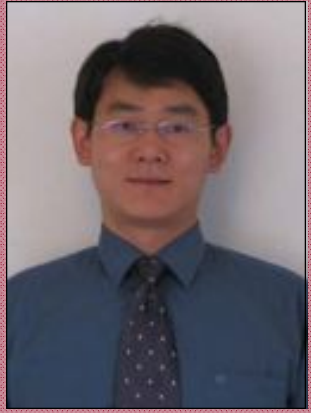
Christopher Hatton, Vice President of Kimley-Horn and Associates in Tampa, Florida, was the keynote speaker of a chapter meeting in October. He invited many of the students involved in the chapter to interview with the company the following day.

The chapter has been involved in football game-day traffic control by putting out a variable message sign funded by SCDOT. This sign gives information regarding parking and routing through the Clemson network on Saturday game days.

Also, the chapter has been involved in a traffic study for the university Parks, Recreation, and Tourism Management (PRTM) department at the South Carolina Botanical Gardens located in Clemson. Students were given responsibilities of programming, placing, mapping, and analyzing traffic data using Nu-metrics Hi-star devices.

Other projects to be completed over the year include the annual adopt-a-river campaign in which students and advisors pick up trash along the banks of Lake Hartwell's tributary streambeds. Additionally, students will be involved in a surveying project for the Clemson Outdoor Lab in exchange for a day out at the ropes and obstacle course learning to navigate as a team. The chapter will also be involved in the Greenville Pedestrian Study this November collecting pedestrian information at four intersections in downtown Greenville.

SCSU ITE Student Chapter Research *Yuanchang Xie*



Yuanchang Xie, PhD
SCSU ITE Student
Chapter Advisor

Members of the South Carolina State University ITE Student Chapter made several trips in the past few months. With the generous financial support from the James E. Clyburn University Transportation Center, Mr. Otukile Lekote and Ms. Phyllis A. Pelzer attended the “secure our future, the nuclear alternative” conference held in August in Charleston. The potential of nuclear energy and its impact on various industries including transportation were discussed at the conference.

On October 15, the SCSU student chapter visited the SCDOT district 7 office in Orangeburg. Mr. Ems Baskin and his colleagues showed the students the district office signal shop, where students had the opportunity to look at real traffic signal controllers and the devices inside traffic signal control cabinets, such as loop detector devices and equipment for preventing conflicting movements. Some of the students are in an ongoing intelligent transportation systems course, which covers basic traffic signal control concepts and theory. They were very excited about this visit to look at real control facilities and asked many interesting questions, including railway preemption and vehicle detection. After the signal shop visit, the students were taken to one fully-actuated controlled intersection close to the SCSU campus. Many students drive by this intersection every day. Before the field trip, this intersection for them was just as common as any other intersections in town. This trip allowed the students to look at the intersection from a different perspective, and made them feel proud of themselves being future traffic engineers. After the field trip, some students in the ITS class have decided to use VISSIM to model the signal control of a major intersection in Orangeburg as their term project topic. The students enjoyed the field trip very much and they really appreciate Mr. Baskin and his colleagues’ time and lecture.



SCSU Student Chapter Visiting a Fully-Actuated
Controlled Intersection



SCSU Student Chapter at the SCDOT
District 7 Office Signal Shop

News from the University of South Carolina ITE Student Chapter *Nathan Huynh*

Nathan Huynh joined the Civil and Environmental Engineering department at the University of South Carolina (USC) in the fall of 2008 as an assistant professor in the Transportation area. Prior to coming to USC, Dr. Huynh was a faculty member at North Carolina A&T State University. Before that, he worked for the Port of Houston Authority as a project manager and system's analyst. Dr. Huynh received his Ph.D. and Master's degrees in Transportation Engineering from the University of Texas at Austin.



Nathan Huynh, PhD
University of South Carolina
ITE Student Chapter
Advisor

Dr. Huynh will be the new faculty advisor for the USC ITE Student Chapter. His vision and goals for the ITE student chapter at USC in the coming years are: (1) to stimulate students' interests in transportation and traffic engineering, (2) to acquaint chapter members with topics of interest through field trips and technical presentations, (3) to assist the Institute with traffic studies, and (4) to develop a professional spirit and common interest among chapter members. The USC ITE student chapter looks forward to working and contributing to the South Carolina Section of ITE.



UNIVERSITY OF
SOUTH CAROLINA



DRIVER

Message from our President

Wow, time flies! It seems like just yesterday I was sitting in the barracks at The Citadel as a Junior writing my essay for the SCSITE Scholarship only to get beat out by a structural engineer who now lives in Texas. Sorry, Gaye, I couldn't resist! After completing my undergraduate work I pursued graduate studies in Transportation Engineering at Clemson and became very active in the ITE Student Chapter. Wayne Sarausa's passion for the organization and the success of the Clemson Student Chapter really fueled my desire to become active in the state section and since my graduation I have been given the opportunity to serve as Secretary / Treasurer, Vice President, and now President.



Jae H. Mattox, III



As we begin 2009, we have the opportunity to reflect on our achievements in 2008 and look forward to the many new and exciting challenges this year holds. Last Spring, our section hosted the Southern District Meeting in Charleston. Many volunteers from our section under direction of Local Arrangements Committee Chairs Jeff Davis and Colin Kinton, labored intensely for months to plan the meeting which turned out fabulously. To top off a great meeting, the Clemson Student Chapter won the Traffic Bowl and our section was named the Group 2 Section of the Year for 2007. In June, our Upstate crew planned a really great meeting where we were given a trolley tour in downtown Greenville of two segments of roadway that brought together many current traffic engineering best practices. In the fall, we had our scholarship golf tournament and raised a record \$6,000 for our scholarship funds. Because of the success of the golf tournament we were able to award three undergraduate scholarships at our Christmas Party in Columbia. The Christmas Party was a blast and we had the best attendance we have seen in years. All in all, 2008 was an amazing year for SCSITE, and I believe it has given us new life.

A few weeks ago, the SCSITE Board of Directors and Committee Chairs met to discuss our plan for 2009. After this meeting, I realized how truly blessed our section is to have such strong visionaries. As you read further into the newsletter there will be some discussion of some of the activities we have planned for this year.

I am really excited about 2009 and what it holds for our section. I encourage new and old members to get involved and I applaud those who are currently serving. This edition of *The Driver* is loaded down with information so many thanks to all who contributed. Enjoy reading and I hope to see you all in Orangeburg next month!

Drive Safely,

Jae

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2009 Dues are now due. Please pay Jeff Ingham ASAP.

Jeff Ingham Elected SCSITE Secretary / Treasurer for 2009 Term *Jeff Ingham*

Jeff Ingham, PE, PTOE was elected to be the Secretary/Treasurer for the South Carolina Section ITE in 2009. Jeff has been active in the SCSITE since 2001, when he joined Thomas & Hutton Engineering Company as a Traffic Engineer and Project Manager.

Jeff has more than 14 years of experience as an engineer in the transportation field. Prior to joining Thomas & Hutton, he spent six years working for the North Carolina Department of Transportation in their Asheville and Raleigh offices. In 2001, Jeff was the first engineer hired by Thomas & Hutton to focus solely on traffic engineering. As Thomas & Hutton has grown, so has the range of projects he's had the opportunity to work on. His traffic engineering experience covers a diverse range, from small site development projects to large regional planning studies.

In business since 1946, Thomas & Hutton provides design services to a wide range of clients in the southeast region. As consultants to private, municipal, state and federal clients, the firm concentrates its skills in areas of civil, environmental, structural, and transportation engineering. As a project manager, Jeff's focus typically includes corridor studies, signal designs, impact studies, roadway design plans, and transportation planning.

Jeff obtained a Bachelor of Science degree in Civil Engineering from Clemson in 1994 and a Master of Civil Engineering from North Carolina State in 2000. He's a licensed Professional Engineer in North Carolina, South Carolina, and Georgia, and became a registered Professional Traffic Operations Engineer in 2005. He lives in Mount Pleasant with his wife and daughter.



Jeff Ingham, PE, PTOE



SCSITE School Outreach Initiative 2009 *Mike Ridgeway*

This Spring I will be coordinating a School Outreach Initiative as part of the SDITE Information, Communications & Outreach Committee, of which I am a member.

The goal is to get as many people as possible to give a talk or presentation to a group of students about Traffic Engineering. The age of students and topic are completely up to you. I will be speaking to a group of 5th graders at Brennen Elementary here in Columbia. You may even want to talk to a group of kids at your church or perhaps a group of scouts. It is totally up to you. Some people may prefer talking to older kids (high school).

I would like to cover the different regions of the state if possible. I have gotten some preliminary commitments the low country area (Charleston & Beaufort), but we need a few more volunteers.

I have a couple of generic presentations to help get you started if you like. You certainly don't have to do a PowerPoint, but I know I like something to help me. I will probably take a traffic signal head or pedestrian head with me and have some street name signs made for the classes etc. Please let me know if you can help with this. Our target dates for this initiative are April 1, 2, or 3rd, however these dates are flexible. If you decide to participate, please take some pictures for our next newsletter.

If you have any materials that you have used before, please pass them along to me. Please email me at mridgeway@srsengr.com or call me at 803-252-1799 if you would like to be a part of this or if you have any presentation materials that you have used in the past.



Mike Ridgeway, PE



Technical Project Update *Gaye Sprague*

We are pleased to announce that the Southern District Technical Committee has accepted our report on our technical project as a paper for the Southern District meeting in Alabama in April. As you recall, the project addresses shared parking for the baseball stadium in downtown Greenville. Ours is the first paper and the first session! Wil Ravenhorst is currently scheduled to make the presentation, and we hope that as many South Carolina members as possible can attend the meeting.

Legislative Issues *Gaye Sprague*

Although most of us are employed in jobs in which the primary issues we encounter every day are technical issues, there are legislative issues which affect our profession and ultimately our day to day work. We need to stay informed about legislative issues and contribute our knowledge and experience to the discussions BEFORE new policies are set and new laws are made.

South Carolina Fix Our Roads (SCFOR) tracks legislation at the state level, and many of our members work for companies that are members of SCFOR. With the permission of Debbie Bass, the executive director of SCFOR, we will pass along her legislative updates. In her updates, Debbie may pass along the positions of SCFOR. Those positions may not reflect the opinions of ITE or its members, but the updates can keep us informed. Please take a few minutes to read them and let our officers know if there is an issue that you think we need to address with calls or letters to legislators or the governor.

Our collective knowledge and experience in infrastructure is a wonderful resource for our state and even

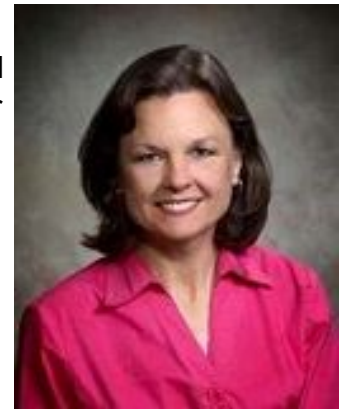
Treasurer's Report *Jeff Ingham*

Checking Account:	\$16,053.55
Stafford/Clark Scholarship Fund:	\$20,100
Rowe Scholarship Fund:	\$16,900

Money raised during the year through dues and golf tournament proceeds will be used to contribute toward these scholarship funds. Approximately \$7,000 will be held locally for operating expenses during the year. SCSITE will provide some travel expenses to allow officers to attend the annual District meeting. The amount will be set each year; \$1,000 will be allotted for 2009.

If you have not paid your dues for 2009, please bring them to the Spring meeting on March 24, or mail a check (made out to SCSITE) to:

Jeff Ingham
 c/o Thomas & Hutton Engineering Co.
 935 Houston Northcutt Blvd
 Mt. Pleasant, SC 29465



Gaye Sprague, PE

Sprague & Sprague
 CONSULTING ENGINEERS



Jeff Ingham, PE, PTOE





Record Attendance at SCSITE Christmas Party

Hesha Gamble

The Annual Christmas Party was held on Thursday, December 4th in at MacDougall’s on the Vista, a change in venue from previous years. A record number attended, including several from SCDOT courtesy of a little extra urging by our incoming president, Jae Mattox ☺ The atmosphere and food were outstanding and everyone enjoyed the refreshments and company. One of the highlights of the evening was the presentation of the scholarships to the previously mentioned recipients. As you can tell from the pictures, a great time was had by all. Special thanks go to Jae and Mike Ridgeway for their hard work in making the arrangements. He has already proven that he will be an outstanding president and will take the SC Section to new heights in 2009. The best highlight of the evening was Jae officially “introducing” his new wife Erica, to the SC Section....congratulations Jae and Erica!!

Although the Christmas party was bittersweet for me as the last meeting as the Section President, I am looking forward to working behind the scenes to help Jae expand and implement on new ideas and activities for our Section. Thanks to everyone for making the Christmas party enjoyable and successful!



Carol Jones and Fred Kicklighter



Jeff Davis, Jeff Ingham, and Bryan Webb



SCSITE Awards Three Scholarships *Gaye Sprague*

Thanks to the generosity of our members and the golf outing organizational skills of Mike Ridgeway and Don Turner, we are able to award three scholarships this year at the Christmas Party.

Thanks to everyone who has helped make the scholarship program possible—Mike and Don, Colin and Howard who review applications every year, the professors who encourage the students to apply, the SCSITE officers who take care of the money, and all the members who have bought auction items, played golf, and sponsored the golf tournament. The future of our profession depends on the fine young people who enter our profession today. It is a good thing that we give these scholarships to encourage engineering majors to consider entering our profession.

Enjoy reading about the three scholarship recipients on the pages to follow.



Gaye Sprague, PE

Sprague & Sprague
CONSULTING ENGINEERS

Kelly Sprague—Stafford-Clark Scholarship

Hi! My name is Kelly Sprague, and I claim Moore, SC as my hometown. I was born in Northern New York, and moved to South Carolina in elementary school. I am currently a junior Civil Engineering student at Clemson University, planning to graduate in May 2010 with a BSCE. The following year, I plan to obtain a Masters of Transportation Engineering, also at Clemson. In middle school, I planned to be an architect, but was disheartened to find I lacked the artistic talent to continue with that plan. The next best thing in my mind was Civil Engineering, but I wasn't sure which area within the field to pursue. When I was young, my family traveled up and down the east coast frequently, from Watertown, NY to Sarasota, FL. I have loved these road trips as long as I can remember, especially the bridges we often went out of our way to travel over. When I discovered that transportation engineering was an option for my emphasis area, I knew that it was the perfect place for me to be: I love road trips, I love bridges, I love engineering. This love has only intensified this semester, as I have attended the Transportation Review Board conference, taken a traffic and highway engineering course, and plan to participate in the Transportation Bowl at the ASCE conference later this semester. Thanks, SCSITE, for supporting my love of the transportation field with your generous scholarship!



Caleb Rodgers—SCSITE Scholarship



My name is Caleb Rodgers and I am from the small town of St. Stephen, South Carolina. I am a junior at The Citadel pursuing a Bachelors Degree in Civil and Environmental Engineering. Throughout my career here at The Citadel I have been unsure as to what area of Civil Engineering I would like to focus on. This all changed once I was introduced to transportation engineering by Dr. Jeff Davis and was solidified even more when I had the opportunity to attend the Transportation Review Board in Washington D.C. this January. This conference opened my eyes to the many opportunities and areas of study available in the field of transportation engineering. Upon graduation from The Citadel I hope to further my education in the field of transportation engineering and eventually settle down in South Carolina once again. Thank you SCITE for your generous support of my education by selecting me as one of your scholarship recipients.



Josh Olson— Gilbert S. Rowe Scholarship



My name is Joshua Olson, and I came down to The Citadel from Cary, NC. In May of 2010, I will graduate with a bachelor’s degree in Civil and Environmental Engineering. Following my graduation I will attend the Naval OCS and become an officer in the Navy’s Civil Engineer Corps.

My decision to come to The Citadel was based off of high standing of the Civil Engineering program and the physical discipline I would learn while here. While I have been at The Citadel, I have been transformed into a fit person (both in body and in mind).

I have always known I would become an engineer, since like my father I have a propensity for math. However, I did not want to become trapped in a cubicle all day long like an Electrical Engineer, so I decided to pursue Civil. It was the summers of my freshman and sophomore years when I had an internship with the NCDOT I learned of my passion for transportation. The beauty of this field is that virtually all of the other disciplines of Civil and Environmental Engineering are included.

I am truly grateful to the SCITE and its members for the honor bestowed upon me with the Gilbert H. Rowe Scholarship. I will always endeavor to further my engineering knowledge, justify your trust that I will better the field of transportation.



News from the Clemson Student Chapter Gabriel Dobbs

The Clemson Student Chapter of ITE traveled to TRB to kick off its Spring 2009 agenda. Twelve of Clemson's finest, including 10 students and 2 chapter advisors, Wayne Sarasua and Jennifer Ogle, traveled to Washington D.C. for the 88th Annual Meeting. Doctoral Students Priyanka Alluri and Yan Zhou presented at this meeting, and many of Clemson's Master's students were in attendance at these meetings. The topic of this year's annual meeting was Climate Change, so the Clemson student chapter has been working hard to discover how this topic can be approached by transportation engineers. Master's student Sudhakar Pandurangan attended a presentation entitled *International Changes in Travel Behavior, Driver Licensing and Occupant Fatality Rates during the Last 20 Years*. This presentation featured five presenters discussing their studies in some major countries of the world including the United States, Canada, countries in Europe, China and the Asian Continent. It was discovered that US fatality rates were slightly higher compared to other developed nations discussed in the presentations. In case of Europe, people still preferred using mass transit than owning their own vehicle.



Wayne Sarasua, PhD, PE
Clemson University
ITE Student Chapter
Advisor

The group also visited many of the monuments and sights of the Washington Mall area in order to enrich the culture of the ITE chapter, as many students had never before seen these sights.



(Left) The Museum of Natural History and (Right) the United States Capitol building with rows of chairs for the upcoming inauguration.

SCSU ITE Student Chapter News *Yuanchang Xie*



Yuanchang Xie, PhD
SCSU ITE Student Chapter Advisor

The SCSUITE Student Chapter had another seminar in November 2008. Mr. Harun Rashid from Berkeley-Charleston-Dorchester Council of Governments (BCDCOG) gave an excellent lecture on applications of GIS in transportation planning. Mr. Harun is very experienced with GIS and transportation planning. His primary role in BCDCOG was to maintain, update and analyze various GIS database to support planning and economic development activities. He is now maintaining and running a regional transportation model in a GIS environment to serve transportation planning. During the lecture, Mr. Harun introduced the four-step model currently being used by the BCDCOG. He also used several interesting examples to show how GIS can be used to manage and visualize transportation planning data efficiently and effectively. The lecture was well attended and received very positive feedback from the students.

On February 2, the SCSUITE Student Chapter had an officer election meeting. Congratulations to the three newly elected officers. The SCSUITE officers now are:

- President – Dirk Francis (newly elected)
- Vice President – Lakia Mustipher (newly elected)
- Secretary – Otukile Lekote
- Treasurer – Teresa parker-Hightower
- Public Relations Director – Leon Porter (newly elected)

The SCSUITE Student Chapter would also like to thank Kayin Jones (former President), Phyllis Pelzer (former Vice President), and Christian Pantin (former Public Relations Director) for their hard work and contribution to the student chapter.

Most SCSU ITE members are very busy with coursework and research projects in this spring semester. Leon Porter, the Public Relations Director of SCSUITE, is trying to schedule a break for the members and take them to the new SCDOT traffic management center. Hopefully we can have the trip within this month.



News from the University of South Carolina

Nathan Huynh

The University of South Carolina and its transportation program is proud to support efforts to improve transportation in South Carolina. Last November, USC held a "Forum on Public Transportation for the Greater Columbia Area" where the panelists and participants discussed various issues surrounding public transportation. In the coming months, USC will co-sponsor a training workshop titled "Communities on the Move: Using All Transportation Options (ADA and beyond...)." Communities on the Move is a free, one-day, individualized "train-the-trainer" initiative to increase accessible transportation options on the local level. The options include a choice of topics, including a better understanding of the Americans with Disabilities Act and its application to public transportation. Sensitivity training for drivers, how to assess barriers in the pedestrian environment, traveling with service animals, and a better grasp of paratransit eligibility requirements are just four of 24 possible topics. Easter Seals Project ACTION will address the community's specific needs using training modules developed by experts. More information about Easter Seals Project ACTION can be found here:

www.projectaction.org. The date and location of the workshop will be announced to the SCITE chapter once the details are finalized. The mentioned event will be sponsored by the Transportation Association of South Carolina, The State League of Women Voters, and USC.



Nathan Huynh, PhD
University of South Carolina
ITE Student Chapter
Advisor

