ANNUAL REPORT OF STUDENT CHAPTER ACTIVITIES
From April 1, 2009 to March 31, 2010
ITE Southern Illinois University Edwardsville Student Chapter

Student Chapter Officers
2009—2010 Calendar Year:
Presidents: Michael Williamson
Vice President: Stephane Seck Birhame
Secretary: Michael Voegele
Treasurer: Jiguang Zhao
Faculty Advisor: Dr. Huaguo Zhou

Student Chapter Membership
Number of Student Chapter Members: 30
Number of Student Members of Institute: 19
Number of Students eligible to be a Student Member of the Institute: 200
Number of faculty members who are current ITE members: 2

Information on Transportation Engineering Enrollment
Number of undergraduate students in Civil Engineering: 200 full time
Does curriculum allow an undergraduate student to major or minor in Transportation: No
Number of Graduate Students in Transportation: 6 full time, 8 part time

Report Prepared by:
Michael Williamson, Jiguang Zhao, and Jing Huang

Report submitted by:
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Phone: (217)-343-7512
Email: micwill@siue.edu

Content Approved by:
Dr. Huaguo Zhou, Ph. D., P. E.
Assistant professor, Southern Illinois University Edwardsville
ITEM Student Chapter Objectives

Summary of Chapter Activities

ITE Student Chapter Meetings

Meetings and Conferences

Service Activities

Student Chapter Outreach

Member List
ITE STUDENT CHAPTER OBJECTIVES

The ITE SIUE student chapter has been dedicated to connecting students with transportation engineers in the area. The ITE has one meeting every two weeks. Engineers from the industrial field and state government together with professors from other universities were invited to give presentations on the planning, design, operation and maintenance of the transportation system. The meetings give students a chance to understand what jobs transportation engineers work on, while they are still in a learning environment. Both graduate and undergraduate students are members of the student chapter.
In 2009, the SIUE Student Chapter enjoyed its second full calendar year as a part of ITE since reactivation in September 2007. The Chapter gained official recognition from the University as a registered student organization. In addition, new members were recruited, making it one of the largest Civil Engineering clubs on campus by enrollment. Officials from the Illinois Department of Transportation (IDOT) have been invited to speak to the students about a variety of topics, including the Mississippi River Bridge project (held in March 2009) and the functional capabilities of IDOT’s Traffic Operation Center. They toured the Mississippi River Bridge project headquarters at the Missouri Department of Transportation with the help of their IDOT contacts.

The SIUE Student Chapter has big plans for the coming year. SIUE’s enthusiasm for participation will also follow them to the Midwestern ITE Challenge at the District Conference in the Minneapolis, Minnesota this summer.
ITE STUDENT CHAPTER MEETINGS

✓ **Sep 9, 2009**
  New Software in Transportation Engineering
  Ryan Fries, Assistant professor, SIUE

✓ **October 7, 2009**
  Traffic Control Center in District 8
  Jeffrey Abel, IDOT

✓ **October 21, 2009**
  Opportunities in Transportation Engineering
  Shawn Leight, President of MOVITE

✓ **November 17, 2009**
  Careers in Transportation
  Tom Blair, MoDOT

✓ **November 30, 2009**
  Air Transportation
  Michael Trueblood, HDR

✓ **January 21, 2010**
  The safety Impact of Left exit on freeway
  Jiguang Zhao, SIUE Graduate Student
ITE STUDENT CHAPTER MEETINGS

✓ February 4, 2010
   My job as the MRB project manager
   Jim Middleton, MODOT

✓ February 18, 2010
   Interchange Design and Approval
   Dustin Riechmann, CBB engineering

✓ Mar 4, 2010
   Getting Rich in Civil Engineering
   Jason Watters, Bernardin, Lockmueller and Associates

✓ Mar 18, 2010
   MoDOT District 6 Traffic Control Center Operation
   Tyson King, MODOT Traffic Control Center

STUDENT CHAPTER FUTURE MEETINGS

✓ April 1, 2010
   Tom Cissell, Oates Associates

✓ April 15, 2010
   Gus Heck, St Louis County Department of Highways
   and Traffic

✓ April 29, 2010
   David Piper, Acting Safety Implementation Engineer,
   Bureau of Safety Engineering
In June 2009, three members from our student chapter of ITE attended the first Midwestern ITE traffic bowl held in Wisconsin Dells. Our members all got great experiences and made friends from other universities during this competition. They are enthusiastic for the coming

Jiguang Zhao, one member of the student chapter participated in student poster competition Midwestern ITE annual meeting, 2009.
MEETINGS AND CONFERENCES

TRB 89TH ANNUAL MEETING

- Evaluating Real-Time Parking Information: Case Study of an Isolated University Campus
  Reisi Gahrooei, Mostafa

- Operational and Safety Performance of Left-Side Off-Ramps at Freeway Diverge Areas
  Zhao, Jiguang

MOVITE 2009 ANNUAL MEETING

In September 2009, our member Jiguang Zhao attended MOVITE 2009 annual meeting. In the annual awards banquet program, he was awarded the first place of Thomas J. Seburn Student Paper Competition.
The student chapter members introduced the traffic signal and driver simulator to the visitors in the Engineering College open house on March 20, 2010. This was done in an attempt to attract more Transportation oriented students and potential ITE members to SIUE.
SERVICES AND ACTIVITIES

12th International IEEE Conference on Intelligent Transportation Systems

Oct 4-7, 2009
Several student members volunteered in the ITSC 2009 International Conference in Saint Louis, MO. This conference covered the use of ITS around the world.

Transportation Institute 2009

Oct 16-24, 2009
ITE student chapter members volunteered in the Transportation Institute 2009 organized by Illinois Department of Transportation (IDOT), Southern Illinois University Carbondale and Edwardsville campus. Twenty two middle school students from East St Louis area received training on the career opportunities in transportation engineering. Including transportation by: rail, air, water, and highway.

Brown Traffic Users Group Meeting

March 2009
ITE student members attended the Brown Traffic User Group Meeting in Saint Louis.
SERVICES AND ACTIVITIES

Math Club
ITE student chapter members helped grade the local math club competition in February 2010. Math counts are a national math competition between regional middle school students.

Field Trips
MoDOT District 6 Mississippi River Bridge field office: March 2009
IDOT District 8 Operations Center: February 2010

Engineering Award Banquet
ITE members attended the Southern Illinois University Awards Banquet. Two ITE student members received awards.
• Jiguang Zhao: Outstanding Graduate Students
• Brian Lee: Outstanding Service Award
HOLIDAY PARTY

Dr. Ryan Fries P.E. Assistant Professor Department of Civil Engineering at SIUE hosted the ITE SIUE student chapter holiday party.

PRESENTATIONS AND PUBLICATIONS

• Jiguang Zhao: Operational and Safety Performance of Left-Side Off-Ramps at Freeway Diverge Areas, 80th TRB meeting, Jan 2010
• Jiguang Zhao: Identifying Factors Affecting the Number of Students Walking or Biking to School, ITE Journal, Oct 2009
• Jiguang Zhao, Impact of Safe Routes to School on Student Travel Mode Shifting: Based on the Before and After Period Survey, 10th ICCPT, Aug 2010
• Michael Williamson: Traffic Incident Management Presentation, Spring 2010 Graduate Symposium at Southern Illinois University Edwardsville
• Michael Williamson: Traffic Incident Management Presentation, Spring 2010, IDOT and FHWA
• Zhoafeng Tian: Traffic Incident Management Presentation, Spring 2010 Graduate Symposium at Southern Illinois University Edwardsville
• Mostafa Reisi: Evaluating Real-Time Parking Information: Case Study of an Isolated University Campus, 89th TRB meeting, Jan 2010
ITE SIUE student chapter established its own website in February 2010. (http://www.ce.siue.edu/ite/index.html)

**REGIONAL OUTREACH**

The ITE SIUE Student Chapter has invited MoDOT, IDOT, TEAM, and Local firms to attend the April 29, 2010 meeting. Dave Piper Acting Safety Implementation Engineer Bureau of Safety Engineering will give an overview of the new Highway Safety Manual.
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<tr>
<th>Name</th>
<th>Degree</th>
<th>Major</th>
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<tr>
<td>Andrew Owens</td>
<td>BS</td>
<td>Civil Engineering</td>
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<td>Britt Marron</td>
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<td>Bryan Lee</td>
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<td>huang jing</td>
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<td>Jiguang Zhao</td>
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<td>Jon Brent</td>
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<td>Travis Hardesty</td>
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