


**University of Massachusetts Amherst
Student Chapter
of the
Institute of Transportation Engineers
2010 – 2011 Annual Report**

*“Expanding Horizons &
Looking Towards the Future”*



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Institute of Transportation Engineers

ANNUAL REPORT OF STUDENT ACTIVITIES

From April 1st, 2010 to March 31st, 2011

STUDENT CHAPTER AT: University of Massachusetts Amherst

1. STUDENT CHAPTER EXECUTIVE BOARD

President: Steven Tupper

Vice President: Radhameris Gómez

Secretary / Treasurer: Deanna Peabody

Student Outreach: Katrina Hecimovic

Undergraduate Outreach: Jeffrey Young

Undergraduate Liaison: Alex Lovejoy

Education Liaison: Stephanie Maker

Webmaster: Jennifer Kennedy

The Crosswalk Editor: Radhameris Gómez

2. STUDENT CHAPTER MEMBERSHIP

Number of Student Chapter Members: 45

Number of Student Members of Institute: 30

Number of Students Eligible to be Student Members of Institute: 45

Number of Faculty Members of Institute: 2

3. INFORMATION ON TRANSPORTATION ENGINEERING ENROLLMENT

Number of Undergraduate Students in Civil and Environmental Engineering: 248

Does Curriculum Allow for Undergraduate Students to Major or Minor in Transportation: No

Number of Graduate Students in Transportation Engineering: 28 full-time, 1 part-time

4. SUMMARY OF STUDENT CHAPTER ACTIVITIES

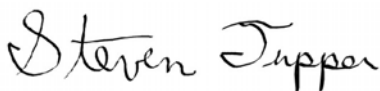
See pages 2-4

Supplemental Report, pages 4-14

5. ROSTER OF STUDENT CHAPTER MEMBERS

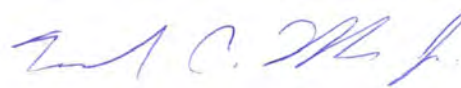
See page 15

Report Submitted By:



Steven Tupper, UMass ITE President
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March 31st, 2011

Content Approved By:



Professor Michael A. Knodler, Jr. Ph.D.
Student Chapter Advisor

MESSAGE FROM THE STUDENT CHAPTER

We are pleased to submit this 2010 - 2011 Annual Report for the University of Massachusetts Amherst Student Chapter of the Institute of Transportation Engineers. With a core group of approximately 30 students, we have had an active and productive 12 months. We attended a multitude of ITE meetings and activities, volunteered our time to community service activities, participated in professional development through technical projects, extended our outreach to both our academic department and to the professional community, as well as to other district student chapters, and have made sure to have fun along the way through social events.

After being honored with the International Outstanding Student Chapter Award by ITE International in both 2009 and 2010, our chapter decided to take on new challenges over past year. Under the mantra “Expanding Horizons and Looking Towards the Future” the chapter engaged in activities new to the group. The future of transportation will depend on the cooperation of groups such as ITE, WTS, and ASCE so we felt the best place to start that partnership is at the collegiate level. The chapter worked with the Women’s Transportation Seminar group to establish a WTS chapter on the UMass campus, the first in the region. The ITE and WTS chapters held a number of joint meeting and events to develop interest in both groups. The chapter also broadened its horizon becoming involved in more events with other professional groups such as ASCE. At these ASCE events we gained a different perspective on the transportation profession and developed lasting connections with a new group of professionals.

Realizing that the future of the profession will only be as strong as those who take up its challenges, we were actively involved in encouraging young students to consider engineering as a profession. Through connections built by our Education Liaison, a position established in September 2010, the chapter was involved in a number of events designed to help inspire potential future engineers.

ITE has long been an integral part of student life at UMass Amherst and we are excited to continue this tradition.

Steven Tupper, Annual Report Editor

ITE STUDENT CHAPTER BUSINESS AND EXECUTIVE BOARD MEETINGS

ITE STUDENT CHAPTER BUSINESS MEETINGS

April 22nd, 2010	December 4th, 2010
September 13th, 2010	January 24th, 2011
October 14th, 2010	February 10th, 2011
November 18th, 2010	March 24th, 2011

ITE STUDENT CHAPTER EXECUTIVE BOARD MEETINGS

April 21st, 2010	November 16th, 2010
September 9th, 2010	January 21th, 2011
October 13th, 2010	February 9th, 2011



MEETINGS AND CONFERENCES

INSTITUTE OF TRANSPORTATION ENGINEERS

NEITE Student Symposium & District Traffic Bowl: April 7th, 2010, Storrs, CT

Northeastern District Annual Meeting: May 19th-21st, 2010, Portland, ME

ITE Annual Meeting and Exhibit: August 8th-11th, 2010, Vancouver, BC

ITE International Collegiate Traffic Bowl: August 11th, 2010, Vancouver, BC

Massachusetts ITE Annual Meeting: September 15th, 2010, Waltham, MA

NEITE Annual Meeting: December 6th, 2010, Warwick, RI

NEITE Student Symposium & District Traffic Bowl: March 24th, 2011, Amherst, MA

ADDITIONAL MEETINGS AND CONFERENCES

WTS 2010 Member / Sponsor Breakfast: April 28th, 2010, Warwick, RI

ASCE Look Park Roundabout Dinner Meeting: October 20th, 2010, Northampton, MA

Transportation Research Board Annual Meeting: January 23rd-27th, 2011, Washington, D.C.



FIELD TRIPS

Deerfield River Rafting Team Building Activity: July 17th, 2010, Charlemont, MA

Vancouver Coal Harbour and Stanley Park: August 11th, 2010, Vancouver, BC

Western Mass Regional Traveler Information Center: March 24th, 2011, Amherst, MA

PROFESSIONAL DEVELOPMENT

ITE/ TEP Seminar Speaker Series: Fall 2010 and Spring 2011

ITE Parking / Trip Generation Project: April 2010

ASCE Professional Licensure Webinar: March 31st, 2011

Active Traffic Count Program: Ongoing



STUDENT CHAPTER OUTREACH

ITE / WTS Joint Student Chapter Meeting: October 14th, 2010

ITE / ASCE Joint Student Chapter Meeting: November 18th, 2010

Maintain Bulletin Board: Fall 2010 and Spring 2011

Maintain and Enhance Chapter Website: Fall 2010 and Spring 2011

Development of Member and Alumni Database: Fall 2010 and Spring 2011

Presentation on UMass ITE Activity and Success: Fall 2010 and Spring 2011

The Massachusetts Crosswalk Student Chapter Newsletter: Spring 2011

Construction of Student Chapter Resume Book: Spring 2011



SOCIAL ACTIVITIES

ITE End of School Year BBQ & Olympics Party: May 8th, 2010

Red Sox Game at Fenway: June 17th, 2010

ITE New Student Welcome Social: September 13th, 2010

Transportation Jeopardy Nights: October 1st, 2010 & March 2nd, 2011

ITE Roller Skating Social: December 4th, 2010

ITE Holiday Party: December 4th, 2010

WTS Annual Winter Reception: January 23rd, 2011, Washington, D.C.

ITE International Student Member Reception: January 24th, 2011



COMMUNITY SERVICE

Summer Transportation Institute: July 2010

MassDOT Adopt-A-Highway Program: Fall 2010 and Spring 2011

2011 New England Thinkfest: March 29th, 2011

CSSR PTO Family Fun 5K Run/Walk: (April 2011 in planning)



SUPPLEMENTAL REPORT OF ACTIVITIES

MEETINGS AND CONFERENCES

April 7th, 2010: NEITE Student Symposium & District Traffic Bowl, Storrs, CT

Close to a dozen student chapter members attended this day-long event with most making poster and/or podium presentations. The UMass team, represented by **Samuel Gregorio**, **Deanna Peabody**, and **Steven Tupper** with alternates **Katrina Hecimovic** and **Radhameris Gómez**, competed in the First Annual International Collegiate Traffic Bowl. By securing a win over three other strong teams, UMass earned the opportunity to represent the District at the international competition in Vancouver, BC.



April 28th, 2010: WTS 2010 Member/Sponsor Breakfast, Warwick RI

The 2010 Member/Sponsor Breakfast was held to celebrate its members and corporate partners. Held at the beautiful Aldrich Mansion, located on Narragansett Bay in Warwick, Rhode Island, approximately 60 people enjoyed a hearty buffet breakfast. Chapter member **Deanna Peabody** was selected for the WTS-Rhode Island 2010 Graduate Scholarship.



May 19th-21st, 2010: Northeastern District Annual Meeting Portland, ME

Ten members of the UMass Amherst ITE Student Chapter attended the Northeast District Annual Meeting. The event allowed students to network with transportation professionals and to attend many technical sessions on transportation related issues. Despite the early rain, there were also opportunities to explore the Old Port area of Portland and learn about its rich history. Student member



Jennifer Kennedy won one of the awards for best poster in the student poster session. The Student Chapter was recognized with the District Student Chapter Award.



August 8th-11th, 2010: ITE International Annual Meeting and Exhibit, Vancouver, BC

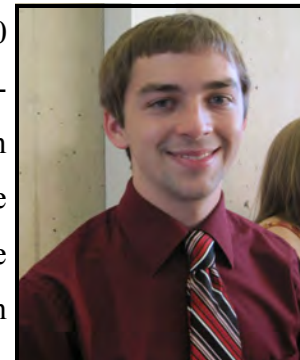
Through aggressive fund raising and support from the ITE community for our traffic bowl teams, the chapter was able to send seven students to the 2010 Annual Meeting. For the second consecutive year, the chapter was awarded the International Outstanding Student Chapter Award. The award was accepted by Student Chapter President **Steven Tupper** and Vice-President **Radhameris Gómez**. **Steven Tupper** and Faculty Advisor **Dr. Michael Knodler** contributed to the



technical sessions presented at the annual meeting with a presentation on gap acceptance. Apart from all the technical sessions attended, the highlight of the conference was certainly the first Annual International Collegiate Traffic Bowl where the UMass team made a valiant effort and gained valuable experience.

September 15th, 2010: Massachusetts ITE Annual Meeting, Waltham, MA

Ten members of the UMass Amherst ITE Student Chapter attended the MAITE Annual Meeting. Student Chapter President **Steven Tupper** was awarded the 2010 Desjardin Memorial Scholarship. The night was highlighted by the surprise presentation of an honorary plaque given to William McNamara in commemoration of the renaming of the NEITE Distinguished Service Award to the William McNamara Distinguished Service Award. The award recognizes outstanding service and contributions by a section member for the activities and welfare of NEITE.



October 20th, 2010: ASCE Look Park Roundabout Dinner Meeting, Northampton, MA

Three chapter members attended this event, hosted by Massachusetts ACSE, in which the details and public perceptions of a new roundabout were discussed. A top roundabout expert from New York was brought in as a consultant on the project, and was able to incorporate many innovative design features into the roundabout. Chapter members benefited from networking with professionals beyond those who typically attend ITE events.



December 7th, 2010: ITE New England Section Annual Meeting, Warwick, RI

Twelve members of the Student Chapter attended the New England Section (NEITE) Annual Meeting. Members attended the NEITE board meeting, technical sessions, a social hour, and dinner. Faculty Advisor **Dr. Michael Knodler** received the William McNamara Distinguished Service Award for his service and contributions to the section. The meeting served as a great opportunity for students to interact with transportation professionals.



January 23rd-27th, 2011: TRB Annual Meeting and Exhibit, Washington, D.C.

Fifteen members of the Student Chapter attended the 90th TRB Annual Meeting. Students had the opportunity to attend technical presentations, poster sessions, and many networking events. Many members were invited to present their transportation related research at the conference with over ten corresponding technical presentations and posters. On Monday, January 24th, the chapter attended the ITE Student Member Reception at the new ITE headquarters. This was an excellent opportunity to network with fellow student chapters around the country. It was great to hear from ITE International President Robert Wunderlich and Immediate Past President Paul Eng-Wong, among other esteemed board members, regarding the importance of ITE to professional development and to the field of transportation. A number of chapter members also attended the WTS Annual Winter Reception on Wednesday, January 23rd. This event was important in strengthening the ITE-WTS relationship that we have worked to develop over the course of the past year. The trip also allowed for students to explore the nation's capital and to unite with many friends and former members of the UMass ITE Student Chapter and the UMass Transportation Program.



March 24th, 2011: NEITE Student Symposium & District Traffic Bowl, Amherst, MA

On March 24th, 2011, the ITE Student Chapter hosted the NEITE Student Symposium & District Traffic Bowl in conjunction with its 12th Annual Technical Day Meeting on the campus of UMass Amherst. Throughout the day over 100 students and professionals participated in the meeting's events.

The focus of the days events were on the future of the transportation profession, and as many professionals noted, the students at the event represented that future. A total of 34 students from five universities in the region presented posters in the poster sessions, and 17 presented their research with a podium presentations as well.

For attendees who had not been to the campus before, the chapter arranged a bus to pick them up at the event and bring them on a tour of the UMass Traffic Simulator and the Regional Traveler Information Center also located on campus.

During the social hour, the Northeastern District Traffic Bowl provided entertainment for the attendees. Teams from four universities competed with the UMass Amherst team falling just short of a repeat victory, coming in second to a very strong UConn team.

At the awards dinner, attended by 85 students and professionals, three awards were given out. Faculty Advisor **Dr. Michael Knodler** presented **Jennifer Kennedy** with the ITE Student Chapter Service

Award and **Dr. John Collura** presented Diane Morabito, with the Distinguished Alumni Award. The final award, the Jane F. Garvey Leadership in Transportation Award, was presented by RITA Administrator Peter Appel to Dr. Anna

Nagurney of Maine Traffic Resources. The keynote speech, on the keys to a bright future for the transportation profession, was then delivered by Peter Appel. The day was a great

success thanks to the participation of so many students and professionals, the support of NEITE and MAITE, and the support from our event sponsors.



ITE STUDENT CHAPTER MEETINGS

Monthly: Executive Board and Business Meetings

Throughout the academic year, the Student Chapter holds monthly Executive Board and General Business Meetings. These meetings help to provide an opportunity for interested students to learn about types of activities the Student Chapter participates in, and how they can become involved. In addition, the Executive Board meetings help the Student Chapter plan activities in depth and receive input from multiple members. As is tradition, the Chapter subsidizes food and beverages for these meetings.



PROFESSIONAL DEVELOPMENT

Weekly: Seminar Speaker Series

The ITE Student Chapter co-sponsored the Transportation Seminar Speaker Series for the 2010 - 2011 academic year. This sponsorship includes advertising the seminar via emails and posters as well as presenting the speakers with lunch and tours of the UMass Amherst transportation facilities. The following speakers participated in the one hour lectures.

- **Dr. Lei Zhang**, Department of Civil and Environmental Engineering, University of Maryland
Effectiveness and Equity of Future Transportation Financing Options (April 1, 2010)
- **Daniel Collins**, Senior Solutions Executive, IBM's Public Sector Group
Project Design and Deployment: IBM's Role in Congestion Pricing Projects (April 8, 2010)
- **Gary Bua** and **Rich Masse**, MassDOT, and **Joe Cahill**, Traffic Engineer, Transystems
Redesign of Interchange 19 at Interstate 91 and Route 9 in Northampton, MA (April 15, 2010)
- **Dr. Joseph Giglio**, School of Business Administration, Northeastern University
Transportation Finance and the Fiscal Crisis (April 22, 2010)
- **Dr. Matthew Romoser**, Senior Human Factors Research Scientist, UMass Human Performance Lab
Pedestrian Safety: Challenges at Mid-Block Crosswalks (April 29, 2010)
- **Mariya Maslova**, M.S.C.E. Candidate, UMass Amherst Transportation Engineering Program
An Analysis of Measurement Errors and their Influence on the Results of Car Following Model Calibration (September 16, 2010)
- **Dr. Daniel Loucks**, Professor of Civil and Environmental Engineering, Cornell University
Water Management in a Changing and Uncertain World (October 3, 2010)
- **MioVision Demonstration**
Demonstration of Camera-Based Automated Counting of Vehicle Turning Maneuvers (October 8, 2010)
- **David Lithgow**, Air Safety Specialist, Federal Aviation Administration
Issues and Challenges Facing the FAA to Ensure that our Air Transportation System in the US Operates Safely and Efficiently (October 14, 2010)
- **Dr. Bryan Reimer**, Senior Research Associate, MIT University Transportation Center
Highway Safety and the Challenges Faced by Older and Younger Drivers (October 21, 2010)
- **Natalia Landron**, M.S.C.E. Candidate, UMass Amherst Transportation Engineering Program
Innovative Treatments for Pedestrian Safety at Mid-block Crosswalks (October 28, 2010)
- **Dr. Matthew Romoser**, Senior Human Factors Research Scientist, UMass Human Performance Lab
Merits and Challenges of Using a Driving Simulator in Human Factors Research (November 4, 2010)
- **Michael Plotnikov**, Ph.D. Candidate, UMass Amherst Transportation Engineering Program
Evaluation of Alternative Transportation Financing Approaches (November 10, 2010)
- **Jason Venditti**, Project Engineer, UMass Facilities and **Joe Wanat**, Transportation Engineer, VHB
Issues and Challenges Encountered in the Planning, Construction, and Operation of the Roundabout at the Intersection of North Pleasant Street, Eastman Lane, and Governor's Drive (November 18, 2010)
- **Aria Berliner**, M.S.C.E. Candidate, UMass Amherst Transportation Engineering Program
Evaluating Alternative Toll-Based Financing Approaches: A Case Study of the Boston Metropolitan Area (January 20, 2011)

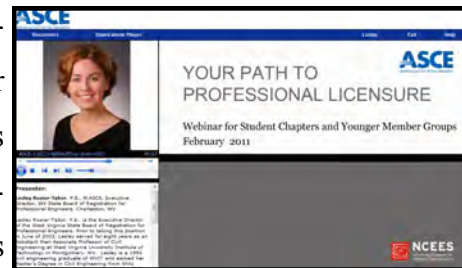
April, 2010: Parking / Trip Generation Project , Sunderland, MA

As both a professional development and fundraising activity the chapter was fortunate enough to be selected to participate in the 2010 ITE Parking and Trip Generation Data Collection Project. The large data collection effort required the help of almost the entire chapter as we collected data for three garden centers located just north of the campus. The many chapter members were active in the data analysis and presentation phase of the project, invaluable experience for their young transportation engineering careers.



March 31st, 2011: ASCE Webinar (Your Path to Professional Licensure)

As a service to underclassmen who are trying to better understand the process to becoming a professional engineer the chapter hosted this free webinar. The webinar details the benefits of and steps to becoming registered as a professional engineer. An archived version of the webinar was used so that it could be played on a date when more undergraduates were available.



Ongoing: Active Traffic Data Collection Program

As the UMass campus continues to expand and change, the student chapter has been fortunate enough to be involved in a number of traffic studies close to home. These studies both serve as a way of exposing students to professional practice and as the primary source of revenue for the chapter. The student chapter prepared documentation of data collected for a road closure project south of campus and pedestrian study of the new campus recreation center (April). The chapter assisted in data collection (TMC's, queue studies, and video monitoring) at a location where a double roundabout will soon be installed (December). The chapter collected conflict and event as well as compliance data and then participated in the subsequent road safety review of a dangerous intersection north of campus (December). The chapter assisted in data collection (TMC's and ATR's) in support of an origin destination and pedestrian safety audit on campus (March). Finally, the chapter is in the planning stages for a data collection effort in as part of a growth monitoring program in Northampton, MA (March).



FIELD TRIPS

July 17th, 2010: Deerfield River Rafting Team Building Activity, Charlemont, MA

To seek relief from the summer sun, eight chapter members headed north to a portion of the Deerfield River suitable for rafting. As we drifted down the river, we inspected the underside of the large bridge that spanned the river and discussed which of the homemade floatation devices around us was the most efficient for navigating the river. Working as a team, we ensured that our floating cooler did not get swamped in the rougher sections.



August 11th, 2010: Vancouver Coal Harbour and Stanley Park, Vancouver, BC

To relax before the traffic bowl match, all of the chapter members who made the trip to Vancouver headed to Coal Harbour. From the seawall, we observed many modes of transportation not seen in Amherst, such as sea-plane and house-boats. We continued on to Stanley Park and learned first hand about the dangers of navigating a pedestrian/bicycle path. Heading back to the hotel we took a trolley and a bus so that by the time we returned to Amherst we had taken almost every mode of transit possible.



STUDENT CHAPTER OUTREACH

October 14th, 2010 ITE / WTS Joint Student Chapter Meeting

One of the most exciting developments over the course of the last year has been the establishment of a Women's Transportation Seminar (WTS) student chapter on campus. The ITE chapter has helped the WTS chapter grow by hosting a number of joint meetings and events. A strong partnership between the two organizations will help each to be stronger and have more wide reaching affects.

November 18th, 2010 ITE / ASCE Joint Student Chapter Meeting

The UMass Student Chapters of ITE and ASCE held a joint chapter meeting in mid-November. It was a chance for the ITE Chapter to share information to those civil engineering students who were unfamiliar with ITE and our activities. The speakers discussed the challenges of designing and constructing the new roundabout on campus as well as issues with public perception of the roundabout. More than seventy students and faculty in the civil engineering program attended the event.



Maintain Student Chapter Bulletin Board

One of the best ways for the Student Chapter to showcase its activities and engage undergrads is to maintain a series of bulletin boards in Marston Hall. The upcoming and previous Chapter schedule of events is highlighted as well as chapter awards.



Maintain and Enhance Student Chapter Website

The student chapter website continues to be a useful tool in sharing information with chapter members and others interested in learning more about the chapter. The website includes many new photos of the Chapter's history, links to student resources, an interactive calendar of events, and access to view the Chapter's charter and by-laws. One of the most useful tools on the website is an events calendar that lets members know when and where planned events are happening.



Development of Member and Alumni Database

Entering our 21st year as a chapter, we have an ever-growing group of alumni who would like to know what the chapter is up to. To accommodate this, a database of alumni has been developed with updated contact information. This list is used to share upcoming events that may be of interest to alumni and share our newsletter each semester. To make this easier in the future a current member database has been established, and upon graduation each entry will be shifted over to the alumni database.

Presentation of UMass ITE Activity and Success

An important part of having a successful chapter is sharing that success with others. Chapter members have made presentations on UMass ITE in front of groups such as advisory councils and prospective students. These presentations have both shared the strength of our chapter and of the ITE organization as a whole. The university has also seen an increase in interest in the transportation program based on the strength of the student chapter.

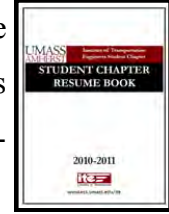
The Massachusetts Crosswalk

The student chapter newsletter, named *The Massachusetts Crosswalk*, includes sections related to general transportation news, information from ITE International, Student Chapter activities, student member research, alumni profiles, and a calendar of future events. After each newsletter is published it is shared with the current membership and our extensive alumni network.



Resume Book

In March, the Student Chapter compiled member resumes into a book that could be distributed at meetings and events throughout the year. Many professionals commented on the professionalism of the document, and several students have received requests for job interviews from companies who viewed the book.



SOCIAL ACTIVITIES

May 8th, 2010: ITE End of Year BBQ & Olympics Party

There was a great turnout to say farewell to a number of graduating students at the end of year BBQ. Following some excellent food, chapter members participated in a bocce ball tournament. It was a great opportunity to say thank you to departing members who had contributed so much over the years.



September 13th, 2010: ITE New Student Welcome Social

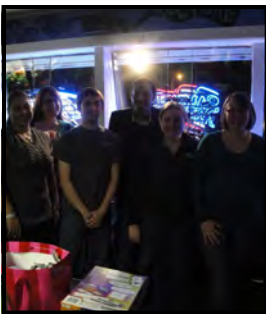
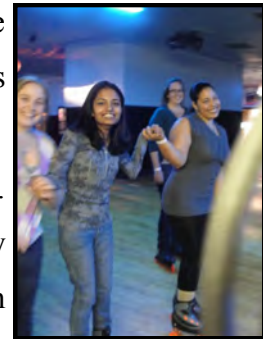
With the biggest incoming graduate class in years, the student chapter hosted a welcome social to make them feel part of the transportation community. After the chapter meeting on campus, we headed to Chili's for appetizers where we got to know the new students and answered questions ranging from classes to housing to the best place to get a slice of pizza (clearly Antonio's).

October 1st, 2010 and March 2nd, 2011: Transportation Jeopardy Nights

Building on the momentum from the first traffic bowl competition, the chapter held two jeopardy nights pitting students against each other to see who had the greatest transportation knowledge. The event got a number of undergraduates interested in the transportation program and everyone had a great time.

December 4th, 2010: ITE Roller Skating Social and ITE Holiday Party

After classes ended for the semester, chapter members headed over to the local roller skating rink. Members had a fun time teaching some first timers how to skate. The chapter covered the cost of skating and small food items. More chapter members joined in the holiday party after the skating event.



After a few rounds of appetizers, the traditional holiday swap took place with a variety of prizes being won and later exchanges. Publicity officer **Katrina Hecimovic** went home with the most unique prize; an animal shape waffle maker. Everyone had a great time and it was a suitable end to the semester and farewell to a couple of departing students.

COMMUNITY SERVICE

Summer 2010, Summer Transportation Institute

For the fourth year this past summer, the UMass Amherst campus served as a host site for the Summer Transportation Institute from July 6th-30th. The program, under the direction of **Professor Michael Knodler**, ITE Student Outreach Officer **Katrina Hecimovic**, and ITE Education Liaison **Stephanie Maker** created an awareness among middle and high school students towards transportation related careers and to encourage a pursuit of a college degree. Such activities included a propeller plane flight over the Pioneer Valley, a tour of the Volpe National Transportation Systems Center in Cambridge, MA, and a tour of the UMass Bus Facility. Student chapter members **Steven Tupper**, **Andy Berthaume**, **Nancy Dutta**, **Radhameris Gómez**, and **Deanna Peabody** all taught lessons in their areas of expertise. The young students enjoyed the connections made with the young presenters.



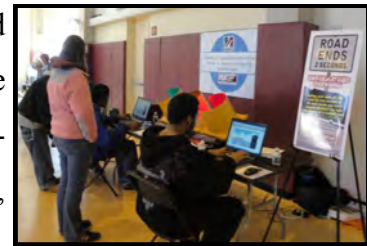
Monthly: MassDOT Adopt-A-Highway Program

The Chapter supports the MassDOT Adopt-A-Highway Program. Once a month from April 15 to November 15, we clear trash from the shoulder of a one-mile segment of divided highway on MA State Route 116. Once the task is complete, the Student Chapter subsidizes lunch for all of the participants at a local restaurant.



March 29th, 2011: 2011 New England Thinkfest, North Andover, MA

As part of our effort to reach out to possible future engineers Student Chapter President **Steven Tupper** and Education Liaison **Stephanie Maker** represented UMass ITE at the 3rd Annual New England Thinkfest. The goal of the event is to give middle and high school age students a chance to learn about the different career fields available in the field of civil engineering in a fun, informal setting. The chapter's table shared the dangers of distracted driving with a game that helped students realize that texting driving is not safe. After playing the game, a number of students vowed "to never text and drive."



Spring 2011: CSSR PTO Family Fun 5K Run/Walk, Belchertown, MA

This event, organized to share the importance of healthy living and safety, is a perfect venue for our chapter to give back to the community. Chapter members have helped in the planning of the event and will be the race officials in charge of monitoring traffic during the race to ensure that all participants are safe.



STUDENT AWARDS

UMass Amherst ITE Student Chapter

- *Northeastern District Traffic Bowl Champions (Northeastern District of ITE), 2010*
- *Student Chapter Award (Northeastern District of ITE), 2010*
- *ITE Outstanding Student Chapter Award (ITE International), 2010*

Radhameris Gómez

- *Northeast Alliance for Graduate Education and the Professoriate Fellowship, 2010*
- *Eno Fellowship, Eno Leadership Development Conference, 2011*

Jennifer Kennedy

- *Outstanding Poster Award (Northeastern District of ITE), 2010*
- *UMass Amherst ITE Student Service Award, 2011*

Deanna Peabody

- *WTS-Rhode Island Local Graduate Scholarship, 2010*

Steven Tupper

- *Desjardin Memorial Scholarship (New England ITE), 2010*
- *Nation Park Foundation Transportation Scholar (Eno Foundation), 2011*



STUDENT PRESENTATIONS AND PUBLICATION

- Andrew Berthaume, Dr. John Collura. "Evaluation and Implementation of Traffic Simulation Models for Work Zones." New England Transportation Consortium, Project No. 05-8. June 18, 2010.
- Steven Tupper, Dr. Michael Knodler, Dr. David Hurwitz. *Revisiting Gap Acceptance: Initial Findings on Unsignalized T-intersections Utilizing a New Data Collection Tool*. ITE Annual Meeting and Exhibit. Vancouver, BC. August 11, 2010.
- He Huang, Dr. Song Gao. *Optimal Paths in Dynamic Networks with Dependent Random Link Travel Times*. The 90th Transportation Research Board Annual Meeting, Washington, D.C. 2011
- Hengliang Tian, Dr. Song Gao, Dr. Donald Fisher, Brian Post. *Route Choice Behavior in a Driving Simulator with Real-Time Information*. The 90th Transportation Research Board Annual Meeting, Washington, D.C. 2011
- Melissa Paciulli. *Developing Evaluation Approach to Assess Large-Scale ITS Infrastructure Improvements: I-91 Project in Massachusetts*. The 90th Transportation Research Board Annual Meeting, Washington, D.C. 2011
- Gautam Divekar, Hasmik Mehranian, Dr. Matthew Romoser, Jeffrey Muttart, Per Erik Garder, Dr. John Collura, Dr. Donald L. Fisher. *Predicting Route Choices of Drivers Given Categorical and Numerical Information on Delays Ahead: Effects of Age, Experience, and Prior Knowledge*. The 90th Transportation Research Board Annual Meeting, Washington, D.C. 2011
- Radhameris A. Gómez, Siby Samuel, Luis Roman Gerardino, Dr. Matthew Romoser, Dr. John Collura, Dr. Michael A. Knodler, Dr. Donald L. Fisher. *Do Advance Yield Markings Increase Safe Driver Behaviors at Unsignalized, Marked Mid-block Crosswalks: A Driving Simulator Study*. The 90th Transportation Research Board Annual Meeting, Washington, D.C. 2011
- Andrew Berthaume, Dr. John Collura. "Estimated Wait Time." *Safety Today* (supplement to *Roads and Bridges Magazine*) June 2010: S15-19. March 14, 2011.
- Andrew Berthaume, Dr. John Collura. "Using Simulation Models to Assess the Impacts of Highway Work Zone Strategies: Eight Case Studies along Interstate Highways and State Routes in New England" *Transportation Research Record, Journal of the Transportation Research Board*, No. 2169, Pg 62-69. 2010.

CHAPTER ROSTER

STUDENT NAME	DEGREE	GRAD/EXP. GRAD DATE
Adorno, Marco	BSCE	Spring 2010
Ahmadjian, Christopher*	Ph.D. CE	Spring 2010
Al Rafai, Syeda Mahan	BSCE	Spring 2012
Bailin, Adam	MSCE	Fall 2010
Barcus, Loren*	MSCE	Fall 2010
Berliner, Aria*	MSCE	Fall 2011
Berthaume, Andrew*	Ph.D. CE	Fall 2012
Chan, Elsa*	MSCE	Fall 2010
Colarusso, Samantha*	BSCE	Spring 2013
Costa, Ashley	MSCE	Fall 2011
De Ruitter, Tyler*	MSCE	Spring 2010
Ding, Jing*	MSCE	Fall 2012
Dutta, Nancy*	MSCE	Fall 2011
Feeise, William	BSCE	Spring 2011
Gómez, Radhameris*	MSCE	Spring 2011
Gregorio, Samuel*	MSCE	Winter 2010
Hanlon, Patrick	BSCE	Spring 2012
He, Huang*	Ph.D. CE	Spring 2011
Hecimovic, Katrina*	MSCE	Spring 2011
Kim, Telin	MSCE	Spring 2012
Kaplan, Dave	BSCE	Spring 2011
Kennedy, Jennifer	BSCE	Spring 2012
Landron, Natalia*	MSCE	Fall 2011
Leiner, Gabriel*	MSCE	Fall 2012
Lovejoy, Alex*	BSCE	Spring 2013
Lu, Xuan*	Ph.D. CE	Spring 2011
Magazu, Eric*	BAEC	Spring 2011
Maker, Stephanie*	MEd	Spring 2011
Martai, Balazas	BSCE	Spring 2012
Oppong, Samuel*	MSCE	Spring 2011
Orszulak, Thomas	BSCE	Spring 2011
Paciulli, Melissa*	Ph.D. CE	Summer 2010
Peabody, Deanna*	MSCE	Spring 2011
Pires, Manuel	MSCE	Spring 2012
Plotnikov, Michael*	Ph.D. CE	Spring 2011
Pothering, Ryan	MSCE	Fall 2011
Powers, Colin*	BSCE	Spring 2010
Tian, Hengliang*	Ph.D. CE	Spring 2011
Tupper, Steven*	MSCE	Winter 2011
Tyros, Joseph*	MSCE	Fall 2011
Slater, Kathryn	MRP	Fall 2011
Swansen, Erica*	MSCE	Fall 2011
Walsh, Evan*	MSCE	Spring 2011
Young, Jeffrey*	BSCE	Spring 2011
Zhang, Cheng	MSCE	Summer 2010

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