



**2016-2017 Annual Report**  
**Intelligent Transportation Society of Texas**



**Student Chapter at Texas Southern University**

**November 1, 2017**

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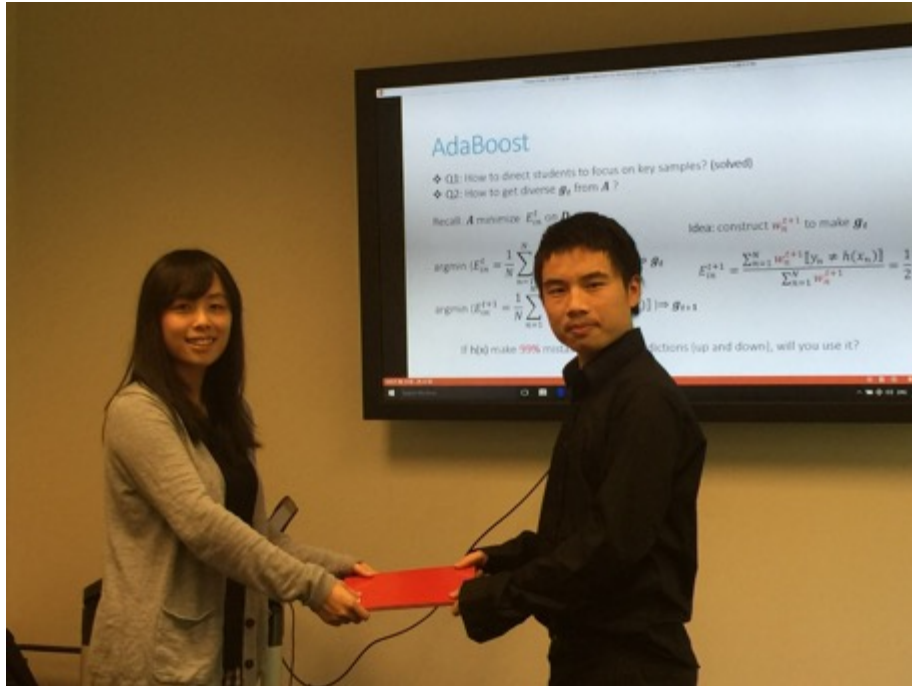
## Organizational Orientation

The TSU student chapter of Intelligent Transportation Society (ITS) was founded in June 10, 2010 under ITS Texas. The primary objectives are to: 1) boost students' knowledge and research in Intelligent Transportation Systems; 2) enlarge students' vision in the application of advanced technologies in ITS; 3) build up a platform for students at TSU to join in Intelligent Transportation Society of America; 4) give students interested in ITS access to interact with the transportation professionals in the intelligent transportation system related field; 5) provide maximum resources for students to attend the ITS-related conferences; and 6) create opportunities for ITS TSU members to be involved in campus events proactively.

## Current Leadership Team

2017-2018

<b>Primary On-Campus Advisor</b>	Dr. Fengxiang Qiao	qiao_fg@tsu.edu
<b>Second On-Campus Advisor</b>	Dr. Xuemin Chen	<a href="mailto:chenxm@tsu.edu">chenxm@tsu.edu</a>
<b>President</b>	Shaojie Liu	Shaojieliu03051994@@gmail.com
<b>Vice President</b>	Hasin Fahda Jinna	fahadahasin@gmail.com
<b>Treasurer</b>	Juan Li	Seija1203@126.com
<b>Secretary</b>	Lan Lan	Lanlan930330@gmail.com
<b>Webmaster</b>	Mahbuba Khan	mahbubamouree@gmail.com



**Figure 1.** April 27, 2017, Ms. Boya You (left) handed over the position of the president of ITS TSU Student Chapter to Mr. Shaojie Liu (Right).

## Academic Activities

In the last year, the ITS TSU student chapter continued to have organized chapter members to participate in various academic activities, which mainly include transportation related on state level, national and international meetings and conferences. The detailed activities are introduced below.

### Participated in the 2017 ICTPA 30<sup>th</sup> Annual Conference in Houston, TX

Chapter Advisor Dr. Fengxiang Qiao and almost all members participated in the 2017 ICTPA (International Chinese Transportation Professionals Association) 30<sup>th</sup> Annual Meeting. 2017 ICTPA Annual Meeting was held on May 19-21, 2017 in Houston, Texas. Members of ITS assisted the organization of this workshop and presented their respective research findings. The meeting invited professors, government officials and people from transportation industry in the United States and in Asia to share their viewpoints on the future of transportation and challenges that we might encounter to further the transportation progress. Chapter member

Mahbuba Khan received the “Best Presentation Award” from the 30th ICTPA Annual Conference in Houston, TX

- Hasin Fahad Jinna, Fengxiang Qiao, Lei Yu. “Improving safety conditions for pedestrian/bicyclists at pathway rail grade crossing”, presented in the 2017 ICTPA Annual Meeting in Houston.
- Juan Li, Fengxiang Qiao. “Choosing the right trade terms with transportation considerations: a study of Incoterms”, presented in the 2017 ICTPA Annual Meeting in Houston.
- Shaojie Liu, Jianbang Du, Qing Li, Fengxiang Qiao, Lei Yu. “Carbon dioxide emission and fuel consumption associated with drivers’ driving behaviors in roundabouts”
- Mahbuba, Fengxiang Qiao, Lei Yu. “Vehicular emission approximation using wavelet analysis”, presented in the 2017 ICTPA Annual Meeting in Houston.
- Jianbang Du, Qing Li, Fengxiang Qiao, Lei Yu. “Driver’s stress condition on highway lane changing.” Presented in the 2017 ICTPA Annual Meeting in Houston.



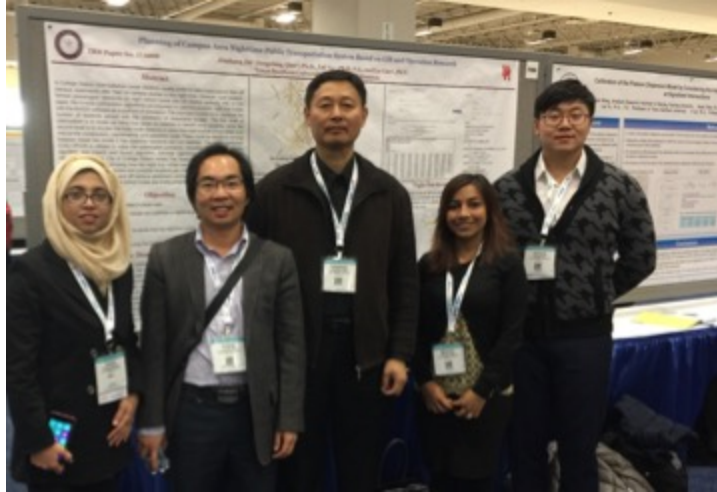
**Figure 2.** Chapter member Juan Li was giving a presentation in the 2017 ICTPA 30th Annual Conference in Houston, TX



**Figure 3.** Chapter member Mahbuba Khan received the “Best Presentation Award” from the 30<sup>th</sup> ICTPA Annual Conference in Houston, TX

### **Participated in the 96<sup>th</sup> Transportation Research Board Annual Meeting in Washington, DC**

As graduate students in transportation related programs, it is our honor to attend the Transportation Research Board (TRB) annual meeting in Washington, D.C. The 96<sup>rd</sup> Annual Meeting was held in the period of January 8-12, 2017. Several chapter members attended this conference and had actively taken part in a variety of workshops and sessions to learn the latest development in Intelligent Transportation System and other related areas. We had got in direct touch with industry entities, and visited the exhibition hall for various demonstrations of ITS-related products and showcases. Proudly, several members were invited to present their research results in various sessions.



**Figure 4.** Chapter advisor Dr. Fengxiang Qiao (third from left) and two chapter members (Jianbang Du – 1<sup>st</sup> from right, Mahreen Nabi – 2<sup>nd</sup> from right) during the 96<sup>th</sup> Transportation Research Board Annual Meeting, Washington D.C., 2017

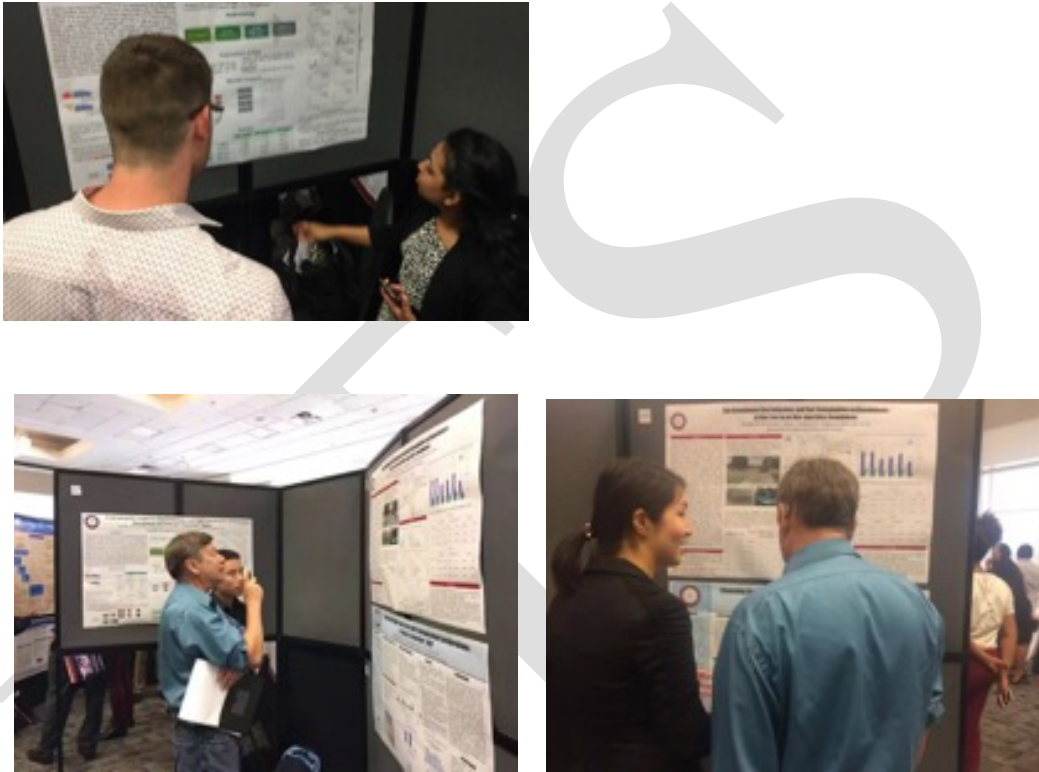
#### **Participated in TSU Research Week 2017**

In the period of March 28-30, 2017, the TSU Annual Research Week Program had been taken place on the TSU Campus. The Research Week is proposed to provide an avenue for promoting national and local awareness of the exciting research and outreach activities on the campus. Under the proper guidance of chapter advisors, our chapter members actively took this opportunity to present their research in front of faculty, staff and all students on the campus. Chapter advisor Dr. Fengxiang Qiao and former president Dr. Qing Li won the 1<sup>st</sup> place awards for Faculty and staff Poster Presentations, respectively. The chapter member Mahbubba won the award for Student Poster Presentation.

- Shaojie Liu, Fengxiang Qiao, Ph.D., and Lei Yu, Ph.D. P.E. “Carbon dioxide emission and fuel consumption associated with drivers’ behaviors in roundabouts”, presented at the annual research week poster session at Texas Southern University, March, 2017.
- Qing Li, Fengxiang Qiao, Ph.D., and Lei Yu, Ph.D. P.E. “Are we driving on a Safe Highway System”, presented at the annual research week poster session at Texas Southern University, March, 2016.



- Juan Li, Fengxiang Qiao, Ph.D., and Lei Yu, Ph.D. P.E. “Choosing the right trade terms with transportation considerations: a study of Incoterms”, presented at the annual research week poster session at Texas Southern University, March, 2017.
- Hasin Fahad Jinna, Fengxiang Qiao, Lei Yu. “Improving safety conditions for pedestrian/bicyclists at pathway rail grade crossing”, presented at the annual research week poster session at Texas Southern University, March, 2017



**Figure 5.** Chapter President Shaojie Liu (left) and Treasure Juan Li (right), and webmaster Mahbubba Khan (top) were presenting their research findings at the TSU Research Week held on March 28, 2017

## Organized Seminars

In order to enhance the exchange of ITS relevant experiences and research results among students and professors, varied seminars have been organized by our student chapter regularly. In every seminar, chapter members are encouraged to discuss the issues they might have, thereby brainstorming ideas for further research.



## **Seminar 1**

Time: April 27, 2017

Speaker: Boya Liu, President of ITS TSU chapter

Topic: An introduction towards machine learning and its application in transportation

Machine learning, though mining the knowledge in big data, can be used to improve the current transportation system, and even reshape the overall image of transportation. Along with the advent of intelligent transportation, data generated from transportation arena will increase exponentially in next decade. How to use this massive scale of data becomes a hot topic in various academic arenas. Transportation is not an exception. Transportation engineers have made considerable endeavors to make the transportation components more intelligent by utilizing the data. Machine learning is one of popular techniques and has been intensively used in computing visual and automation driving. Boya You introduced several popular models in machine learning and how can they implemented in real transportation cases.



**Figure 6.** April 27, 2017, ITS TSU 2016-2017 president Boya You presented “Machine learning and its application in transportation”

## **Seminar 2**

Time: November 11, 2016

Speaker: Dr. Junqing Shi, Zhejiang Normal University, China

Topic: An introduction towards reinforced learning and its application in transportation

Reinforced learning is one of popularly used models originated from machine learning. Its applications in optimizing route choice, signal control have been proved significant. Dr. Junqing Shi presented an introduction of reinforced learning towards ITS chapter members on November 11, 2016. Not only had he tried to make every detail of mechanism of reinforced learning, but he also explained the application of reinforced learning using the examples from his research.



**Figure 7.** Dr. Junqing Shi, a Visiting Scholar from Zhejiang Normal University, was presenting a seminar to ITS TSU students on Reinforced Learning and Applications in Transportation Studies

### **Seminar 3**

Time: February 15, 2017

Speaker: Raymond Douglas

Topic: Urban Analytics with focus on Acyclica Go software for congestion management

Acyclica's advanced web-based analytics platform provides the ultimate experience in understanding congestion. Acyclica's Go is a tool which is included for Acyclica customers using a RoadTrend or Compass device and transforms mountains of data into actionable information to help agencies understand travel times, traffic patterns and congestion. From point-and-click origin - destination analysis to real-time congestion mapping, Go helps agencies understand how people are moving. The software runs in any standard web-browser and provides an intuitive interface without the hassle of installing additional software



**Figure 8.** On February 15, 2017, Dr. Raymond Douglas Chong, P.E., P.Eng., PTOE, PTP, STP, a City Traffic Engineer at City of Corpus Christi, presented “Urban Analytics with focus on Acyclica Go software for congestion management”.

#### **Seminar 4**

Time: March 1, 2017

Speaker: Raymond Douglas

Topic: Smart City Challenge – Advanced Technologies

A smart city is an urban development vision to integrate information and communication technology (ICT) and Internet of things (IoT) technology in a secure fashion to manage a city's assets. These assets include local departments' information systems, schools, libraries, transportation systems, hospitals, power plants, water supply networks, waste management, law enforcement, and other community services. A smart city is promoted to use urban informatics and technology to improve the efficiency of services. ICT allows city officials to interact directly with the community and the city infrastructure and to monitor what is happening in the city, how the city is evolving, and how to enable a better quality of life. Through the use of sensors integrated with real-time monitoring systems, data are collected from citizens and devices – then processed and analyzed. The information and knowledge gathered are keys to tackling inefficiency



**Figure 9.** On March 1, 2017, Dr. Raymond Douglas Chong, P.E., P.Eng., PTOE, PTP, STP, a City Traffic Engineer at City of Corpus Christi, presented “Smart City Challenge – Advanced Technologies”.

### **Seminar 5**

Time: September 28th, 2017

Speaker: Qing Li, Postdoc of Innovative Transportation Research Institute, Texas Southern University

Topic: Performance Evaluation and Testing of Connected Vehicle Practices

A connected car is a car that is equipped with Internet access, and usually also with a wireless local area network. This allows the car to share internet access with other devices both inside as well as outside the vehicle. Often, the car is also outfitted with special technologies that tap into the internet or wireless LAN and provide additional benefits to the driver. For safety-critical applications, it is anticipated that cars will also be connected using Dedicated Short-Range Communication (DSRC) radios, operating in the FCC-granted 5.9GHz band with very low latency. Dr. Qing Li presented the practices in which the application of connected vehicle has been investigated and compared with other advanced smart city strategies.



**Figure 10.** On September 28, 2017, Dr. Qing Li presented “Connected Vehicle Application and Performance Evaluation”

## **Participating Research Projects**

ITS TSU chapter members are self-motivated to explore the exciting research in the improvement of transportation system. They actively conducted varied research works through a series of research projects to enhance their academic capability and professional preparations. Partial research projects that the Chapter members have participated in during the fiscal year 2016-2017 is shown as follows:

- Participated ITS member: **Shaojie Liu**  
Project: Development of Systemic Large Truck Safety Analysis, 0-6911, TxDOT  
Research Advisor: Dr. Qi Yi
- Participated ITS members: **Shaojie Liu**  
Project: Impact of eco-driving at the single lane roundabout on emissions  
Research Advisors: Dr. Fengxiang Qiao, Dr. Lei Yu
- Participated in ITS member: **Jinna Fahda Hahsin**  
Project: Innovative countermeasures for reducing the truck waiting time at marine terminals  
Research Advisors: Dr. Qi Yi

- Participated in ITS member: **Jinna Fahda Hahsin**  
Project: Enhancing safety condition for non-motorized user at light-rail grade crossing from survey data and traffic observation  
Research Advisor: Dr. Fengxiang Qiao
- Participated in ITS member: **Juan Li**  
Project: Comparison of Operational effectiveness of Innovative intersections  
Research Advisor: Dr. Qi Yi
- Participated in ITS member: **Juan Li**  
Project: Assessment of in-vehicle messages in the advance warning area of a work zone  
Research Advisor: Dr. Fengxiang Qiao
- Participated in ITS member: **Lan Lan**  
Project: Big data and its application  
Research Advisor: Dr. Lei Yu
- Participated in ITS member: **Jianbang Du**  
Project: Impacts of isolated and integrated ramp metering strategies on vehicle emissions along freeway segments  
Research Advisor: Dr. Fengxiang Qiao
- Participated in ITS member: **Manubaa Khan**  
Project: Determining correlation between vehicular emissions and pavement roughness  
Research Advisor: Dr. Fengxiang Qiao
- Participated in ITS member: **Qing Li**  
Project: Impacts of Design of Freeway Weaving Segments on Environment and Public Health. Sponsored by Center for Research on Complex Network (CRCN) under National Science Foundation program Center for Research Excellence in Science and Technology (CREST)  
Research Advisors: Dr. Fengxiang Qiao, Dr. Lei Yu

## **Journal Publications and Conference Presentations**

With a passion for research work, our chapter members have submitted a number of research papers to diverse academic journals and conference proceedings. Some papers have been



accepted for publications and presentation through peer reviewed process, which are listed below.

- **Q. Li and F. Qiao.** “Sustainable Strategies to Mitigate Toxic Impacts of Transportation System on the Environment”. Environmental Toxicology Studies Journal. Vol. 1 No. 1:1, Environmental Toxicology Studies Journal, <http://www.imedpub.com/articles/sustainable-strategies-to-mitigate-toxic-impacts-of-transportation-system-on-the-environment.pdf>.
- **J. Shi, F. Qiao, L. Yu, and Q. Li.** “Simulation and Analysis of the Carrying Capacity for a Road Network”. 2017 Special, Journal of Traffic and Transportation Engineering. Elsevier Publishing.
- **F. Qiao, Q. Li, and L. Yu,** “How the Roadway Pavement Roughness Impacts Vehicle Emissions?” Environment Pollution and Climate Change, 2017, vol.1, no.3, 1000134. DOI: 10.4172/2573-458X.1000134.
- **F. Qiao, Q. Li, L. Yu,** “Mitigation Measures and Recommendations in the USA to Reduce Environmental Impacts of Transportation Infrastructure on Wildlife” Environment Pollution and Climate Change, 2017, vol.1, no.3, 1000135. DOI: 10.4172/2573-458X.1000135.
- **Q. Li, F. Qiao, J. Shi, and L. Yu,** “Modeling Vehicle Interior Noise Exposure Dose on Freeways: Considering Weaving Segment Designs and Engine Operation” Journal of Air & Waste Management, <https://doi.org/10.1080/10962247.2017.1350213>, July 5, 2017 published, <https://www.ncbi.nlm.nih.gov/pubmed/28679084>.
- **Q. Li, F. Qiao, L. Yu, S. Chen,** “Impact of Freeway Weaving Segment Design on Light-duty Vehicle Exhaust Emissions” Journal of Air & Waste Management, DOI: 10.1080/10962247.2017.1344744, Jun 21, 2017 published. <https://www.ncbi.nlm.nih.gov/pubmed/28636482>.
- **Q. Li, F. Qiao, X. Wang, and L. Yu,** “Drivers’ smart advisory system improves driving performance at STOP sign intersections” Journal of Traffic and Transportation Engineering. Volume 4, Issue 3, June 2017. Pp. 262-271. DOI: 10.1016/j.jtte.2017.05.006.
- **F. Qiao, Q. Li, and L. Yu,** “Status and Research Topics in Developing Ecological



Transportation System within Connected Vehicle Age with Knowledge Discovery in Database Techniques” Environment Pollution and Climate Change, vol.1, no.2, 1000124, 2017.

- **S. Liu, Q. Li, F. Qiao, J. Du, and L. Yu**, “Characterizing the Relationship Between Carbon Dioxide Emissions and Vehicle Operating Modes on Roundabouts --A Pilot Test in a Single Lane Entry Roundabout” Journal of Environment Pollution and Climate Change, vo.1, no. 2, 1:120, 2017.
- **F. Qiao, Q. Li, and L. Yu**, “Updated Traffic Flow Dispersion Model Considering Effects of In-Vehicle Advisory Messages,” Journal of Civil and Environmental Engineering. Vol.7, no. 2, 2017, 10.4172/2165-784X.1000270, 2017.
- **Q. Li, F. Qiao, and L. Yu**, “Non-linear Models of Light-duty Vehicle Emission Factors Considering Pavement Roughness,” Journal of Civil and Environmental Engineering, vol. 7, no.1, 7: 268. DOI: 10.4172/2165-784X.1000268. 2017.
- **Q. Li, F. Qiao, and L. Yu**, “A Machine Learning Approach for Light-Duty Vehicle Idling Emission Estimation based on Real Driving and Environmental Information,” Journal of Environment Pollution and Climate Change, vol. 1, no.1, 1000106, December, 2016.
- **Q. Li, F. Qiao, and L. Yu**, “Risk Assessment of In-vehicle Noise Pollution from Highways,” Journal of Environment Pollution and Climate Change, vol. 1, no.1, 1000107, December, 2016.
- **Jianbang Du, Qing Li, Fengxiang Qiao, Junqing Shi, Lei Yu**. (2017). Driver's Stress Condition on Highway Lane Changing. In: Advances in Transportation Systems and Practices. ISBN: 978-1-64008-627-2. Proceedings of the 30th Annual Meeting of the International Chinese Transportation Professionals Association (ICTPA), May 19-21, 2017. Houston, Texas, USA. Qiao, F., Gao, L, and Li, Q. Ed. <https://nebula.wsimg.com/68908c33374f59400ee30a45baf8bad3?AccessKeyId=1660089A58394D1EA780&disposition=0&alloworigin=1>
- **Hasin Fahad Jinna, Fengxiang Qiao, Lei Yu**. (2017). Improving Safety Conditions for Pedestrian/Bicyclists At Pathway Rail Grade Crossing. In: Advances in Transportation Systems and Practices. ISBN: 978-1-64008-627-2. Proceedings of the

30th Annual Meeting of the International Chinese Transportation Professionals Association (ICTPA), May 19-21, 2017. Houston, Texas, USA. Qiao, F., Gao, L, and Li, Q. Ed.

<https://nebula.wsimg.com/68908c33374f59400ee30a45baf8bad3?AccessKeyId=1660089A58394D1EA780&disposition=0&alloworigin=1>

- **Mahbuba Khan, Fengxiang Qiao, Lei Yu. (2017).** VEHICULAR EMISSION APPROXIMATION USING WAVELET ANALYSIS In: Advances in Transportation Systems and Practices. ISBN: 978-1-64008-627-2. Proceedings of the 30th Annual Meeting of the International Chinese Transportation Professionals Association (ICTPA), May 19-21, 2017. Houston, Texas, USA. Qiao, F., Gao, L, and Li, Q. Ed.  
<https://nebula.wsimg.com/68908c33374f59400ee30a45baf8bad3?AccessKeyId=1660089A58394D1EA780&disposition=0&alloworigin=1>
- **Junqing Shi, Fengxiang Qiao, Lei Yu, Qing Li. (2017).** SIMULATION AND ANALYSIS OF THE CARRYING CAPACITY FOR A ROAD NETWORK. In: Advances in Transportation Systems and Practices. ISBN: 978-1-64008-627-2. Proceedings of the 30th Annual Meeting of the International Chinese Transportation Professionals Association (ICTPA), May 19-21, 2017. Houston, Texas, USA. Qiao, F., Gao, L, and Li, Q. Ed.  
<https://nebula.wsimg.com/68908c33374f59400ee30a45baf8bad3?AccessKeyId=1660089A58394D1EA780&disposition=0&alloworigin=1>
- **Mahreen Nabi, Fengxiang Qiao, Lei Yu. (2017).** EMISSION FACTORS MODELING - A MACHINE LEARNING APPROACH CONSIDERING ROUGHNESS PROFILE. In: Advances in Transportation Systems and Practices. ISBN: 978-1-64008-627-2. Proceedings of the 30th Annual Meeting of the International Chinese Transportation Professionals Association (ICTPA), May 19-21, 2017. Houston, Texas, USA. Qiao, F., Gao, L, and Li, Q. Ed.  
<https://nebula.wsimg.com/68908c33374f59400ee30a45baf8bad3?AccessKeyId=1660089A58394D1EA780&disposition=0&alloworigin=1>
- **Juan Li, Fengxiang Qiao. (2017).** CHOOSING THE RIGHT TRADE TERMS WITH TRANSPORTATION CONSIDERATIONS: A STUDY OF INCOTERMS® 2010. In: Advances in

Transportation Systems and Practices. ISBN: 978-1-64008-627-2. Proceedings of the 30th Annual Meeting of the International Chinese Transportation Professionals Association (ICTPA), May 19-21, 2017. Houston, Texas, USA. Qiao, F., Gao, L, and Li, Q. Ed.

<https://nebula.wsimg.com/68908c33374f59400ee30a45baf8bad3?AccessKeyId=1660089A58394D1EA780&disposition=0&alloworigin=1>

- **Boya You, Fengxiang Qiao,, Lei Yu, Junqing Shi** VEHICLE EMISSIONS ANALYSIS FOR HORIZONTAL CURVES ON TWO-LANE RURAL HIGHWAYS – CASE STUDY IN TEXAS. In: Advances in Transportation Systems and Practices. ISBN: 978-1-64008-627-2. Proceedings of the 30th Annual Meeting of the International Chinese Transportation Professionals Association (ICTPA), May 19-21, 2017. Houston, Texas, USA. Qiao, F., Gao, L, and Li, Q. Ed.  
<https://nebula.wsimg.com/68908c33374f59400ee30a45baf8bad3?AccessKeyId=1660089A58394D1EA780&disposition=0&alloworigin=1>

## **Social Activities**

Beside of academic studies, ITS TSU Chapter members were bound up in various meaningful social activities on campus as well as off campus. Here are the social activities that our chapter has hosted or our chapter members have participated in as volunteers.

### **Served as Volunteers in Crawfish Festival**

Seven students, staff and their family members from Intelligent Transportation Society TSU student chapter served as volunteers from 12pm to 1pm, April 29, 2017, at Lost Creek Blvd, Sugar Land, TX 77478. The Crawfish Festival was organized by minor communities in Houston. The chapter volunteers were in charge of food preparation.



**Figure 11.** ITS TSU Student Chapter Served at the “Crawfish Festival” during the food preparation

**ITS TSU former President Dr. Qing Li Presented the Award from ICTPA to US Secretary of Transportation Elaine Chao**

On August 19, 2017 in New York, ITS TSU former president and TSU post-doctoral research fellow Dr. Qing Li (Right) represented Dr. Fengxiang Qiao, the advisor of ITS TSU and the international president of ICTPA (International Chinese Transportation Professionals Association), to present US Secretary of Transportation Elaine Chao (middle) with the ICTPA (International Chinese Transportation Professionals Association) “Exemplary Achievement in Transportation Award”. During May 19-21, 2017, the ICTPA 30th Annual Conference was held in Houston, and decided to award Ms. Chao, who could not make this conference due to a conflicted schedule. Another recipient of the same award is Mr. Jimmy Lim, the Mayor of the City of Diamond Bar in California, a past international president of ICTPA.



**Figure 12.** ITS former President Qing Li presented award to Ms. Zhao

**ITS members guide the lab tour for the President and Provost of Texas Southern University**

Members of ITS guided a lab tour for the President and Provost of Texas Southern University on 7<sup>th</sup>, May 2017. Boya You, the 2016-2017 president of ITS, introduced the driving simulator lab



**Figure 13.** May 07, 2017, TSU President Lane (2<sup>nd</sup> from right) and Provost Bobby Wilson (1<sup>st</sup> from right) visited the Simulator Lab, which was toured by ITS TSU president Boya You (2<sup>nd</sup> from left) and other members.

## **Conclusions**

Like in the last several years, the ITS TSU chapter has hosted and actively participated in varied academic and social activities during this year, illustrating an efficient effort in the study of ITS - related transportation knowledge, and the dedication to on- and off- campus communities. Particularly, in this year, more various seminars have been organized, which have been highly valued by all chapter members.

Within ITS TSU as a healthy and vigorous platform, students have been provided a lot of opportunities to stretch their career interests to ITS related fields and extend their networks to the government officials and transportation professionals. In the future, even more endeavors will be conducted to better achieve the organization's goals: to promote the advancement and integration of intelligent transportation systems by fostering the close association of students with the greater transportation profession and ITS Texas; to acquaint students with topics of interests within the intelligent transportation arena; to promote common interests among students; and to encourage the development and enhancement of intelligent transportation systems studies.

## **Acknowledgement**

The TSU student chapter sincerely appreciates the strong guidance, continuous support and kind encouragement from ITS Texas.

### **Editorial Director**

Fengxiang Qiao, Ph.D.

### **Editor in Chief**

Shaojie Liu

## Appendix

### 1. List of Active Members

Last Name	First Name	Email
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### 2. Previous Leadership Teams



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<b>Primary On-Campus Advisor</b>	Dr. Fengxiang Qiao	qiao_fg@tsu.edu
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**2015-2016**

<b>Primary On-Campus Advisor</b>	Dr. Fengxiang Qiao	qiao_fg@tsu.edu
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<b>Graduate Advisor</b>	Dr. Giovanni Puccini	Giovanni.puccini@kbr.com
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<b>Vice President</b>	Qing Li	qli10@hotmail.com
<b>Treasurer</b>	Mahreen Nabi	labeeba4704@gmail.com
<b>Secretary</b>	Mahbuba Khan	mahbubamouree@gmail.com
<b>Webmaster</b>	Jianbang Du	dujianbang@gmail.com

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<b>Treasurer</b>	Mahreen Nabi	labeeba4704@gmail.com

<b>Secretary</b>	Boya You	boya.you1@gmail.com
<b>Webmaster</b>	Sunxiao Geng	Geng.sunxiao@gmail.com

### 2013-2014

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