



# INSTITUTE OF TRANSPORTATION ENGINEERS TORONTO SECTION

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## Upcoming Events

### **Traffic Bowl Trivia Night | Thursday, May 26, 2016 – 7-9PM**

Location: ITS Lab, University of Toronto (3rd Floor, Sandford Fleming Building)

Cost: FREE (Light refreshments will be provided)

On Thursday, May 26th, the University of Toronto ITE Student Chapter (UT-ITE) will host its 3rd annual inter-chapter Traffic Bowl prep session. Students from U of T, Mohawk College, and Ryerson University (and any other interested chapters – get in touch if you are interested and able to make it!) will meet at U of T for an evening of transportation trivia and socialising. UT-ITE and U of T's traffic bowl team from last year, who won the CITE traffic bowl in early June, will be on hand to test and prepare this year's teams.

All ITE members are welcome to attend, and the Toronto chapter has kindly offered to sponsor snacks to fuel the competition. Please contact Md (Sami) Hasnine at [ite@utoronto.ca](mailto:ite@utoronto.ca) if you're interested in participating. ●

2016 CITE Conference – Kelowna, BC | June 5-8, 2016



The BC Interior Chapter, the Greater Vancouver Section and the Local Arrangements Committee (LAC) are delighted to welcome you to attend the 2016 CITE Conference that will be held in beautiful Kelowna, British Columbia. The theme for the Conference and Annual General Meeting (AGM) will be “*Connecting Lifestyles*”, and will also feature some exciting bike tours. The conference will be held on June 5th to 8th at the Delta Okanagan Grand in Kelowna’s Cultural District. For more information, visit:

<https://www.cite7.org/event/2016-cite-conference-kelowna/>.

CITE Training Course: Intersection Capacity Analysis | June 14, 2016

Location: Room 201, Rogers Communication Centre, 80 Gould Street, Toronto

Cost: Students \$25 (limit of 10); CITE Members \$300; Non-Members \$400. Morning and afternoon coffee breaks and lunch are included in the cost.

The Canadian Institute of Transportation Engineers and ITE Toronto Section invite you to attend a one day training session on the Theory of Signalized Intersections and hands-on problem solving. This will be a day of practical training in traffic engineering basics, enabling you to become an informed practitioner. The Canadian Capacity Guide for Signalized Intersections (CCGSI) and the Intercalc software will be used in this training. Participants will use the software and review comparisons to output from the Synchro software, to develop a greater understanding of intersection capacity methods and how these relate to Synchro.

For more information and to register, please see attached form.

## Past Events

Spring Luncheon | Friday April 29, 2016

This year’s Spring Luncheon was held in historic Oakham House on the Ryerson University campus in downtown Toronto.

This year we welcomed guest speaker Iain Dobson, who has just finished a year of research on applying the Provincial Growth Plan to the GTA’s proposed transit investments. His presentation, entitled “Is our transit system aligned with regional growth objectives?”, discussed the regionalization of mobility and drivers to that mobility.

More than 45 members and guests attended this event. Thank you to our guest speaker Iain Dobson and to all who attended this year’s luncheon.





### 8<sup>th</sup> Annual Toronto, Hamilton, and Southwest Ontario Sections Joint Student Presentation Competition | Thursday, March 31, 2016

This year's annual Joint ITE Student Presentation Competition was held in the Intelligent Transportation Systems (ITS) laboratory at the University of Toronto, following a successful Student-Industry Mixer and Job Fair hosted by the University of Toronto ITE Student Chapter (UT-ITE). We had a great selection of presentations that featured student presenters from Ryerson University, University of Toronto, University of Waterloo, and Western University.

Due to a last minute illness and the willingness of one brave graduate student being willing to present on extremely short notice, this year's competition featured two undergraduate students and four graduate students. Md (Sami) Hasnine from the University of Toronto, the brave individual who stepped in to participate at the last minute, won the graduate category for his presentation on *Investigating the Interplay between the Attributes of At-fault and Not-At-Fault Drivers and their Associated Impacts on Occurrence and Severity of Traffic Accidents*. The winner in the undergraduate category was Tong Wang from the University of Toronto for his presentation on *Feasibility and Impacts of Connected Vehicles*. We would also like to congratulate the other participants on their excellent presentations – Dana Elfar from Western University, Joshua Goodfield from Ryerson University, and Chris Harding and Michael Di Febo from the University of Toronto.

Thanks to James Lamers and Teddy Lin from UT-ITE for facilitating this year's competition, and to ITE Toronto Section members: Gene Chartier, Catherine Curak, Brett Sears and Peter Yu for assisting the ITE Toronto Section Executive in judging the competition. A big thanks to Simon Tam of ITE Hamilton Section and Maged Elmadhoon of ITE Southwestern Ontario Section for assisting with reviewing of abstracts and shortlisting finalists. A special thanks to CITE for affording ALL presenters to receive a prize in both graduate and undergraduate categories. First place winners received \$350; second place winners received \$150; and the third place winner in the

graduate category received \$100. As per tradition, the 2016 winners were invited to attend, free of charge, the ITE Toronto Section Spring Luncheon.

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**February Breakfast Session – Richmond-Adelaide Cycle Track Extension | Tuesday February 23, 2016**

ITE Toronto Section kicked off 2016 with a Breakfast Session at Toronto City Hall. Ten ITE members were treated to a great discussion on the Richmond and Adelaide Streets cycle tracks, led by Jacquelyn Gulati, Manager of the City of Toronto's Cycling Infrastructure and Programs. She provided a great overview on the evolution of the project, some of the unique challenges to the project, and how other concurrent programs, such as the enhanced enforcement of on-street deliveries and parking violations, were able to assist with the success of these increasingly popular cycling facilities. A special thanks to Jacquelyn for her presence at ITE Toronto Section's opening event of 2016. ●



## Public Works Corner

### Introducing... *Public Works Corner!*

Got news? We are excited to introduce ***Public Works Corner*** – a section of our newsletter that highlights interesting municipal, regional, provincial and transit agency projects taking place in our geographical area that may be of interest to our diverse membership. We are looking for liaisons for these updates – if you are interested in writing, or coordinating the writing of short updates, from time to time, on projects being undertaken by your agency, please contact our Communications Coordinator, **Amy Jiang** at [jiang@bagroup.com](mailto:jiang@bagroup.com). ●

### TAC Corner: Strategic Opportunities for Integrating Health and Transportation

Over the past several decades, we have removed physical activity from our daily lives by designing car oriented communities. Long commutes and time spent inactive has adversely impacted our health. From the 2014 Medical Officer's Health GTHA report:

- The annual cost of inactivity and obesity in the GTHA is approximately \$4 billion per year. This includes \$1.4 billion in direct medical costs.
- Diabetes rates in the GTHA are projected to double in 25 years, from 7.1% in 2002 to 16.4% by 2027.
- Diabetes related medical costs attributable to inactivity currently exceed \$550 million in GTHA each year.
- There are 12,500 new cases of diabetes registered every year in GTHA.
- Road traffic collisions remain the leading cause of unintentional injury and fatalities. In 2013 alone, there were 1741 fatalities and 120,660 personal injuries in Canada as per Canadian Motor Vehicle Collision Traffic Statistics.

The above challenges are huge and transportation professionals can play a significant role by improving the planning and design of transportation infrastructure. Health status can be improved when transportation systems facilitate public and active transportation, whereby people could safely incorporate physical activity into their daily lives. Other outcomes such as reducing greenhouse gas emissions and congestion could also be improved for higher productivity and sustainability.

The Transportation Association of Canada (TAC) is undertaking a strategic opportunities study for integrating health and transportation. The objective of this study is to undertake a comprehensive review of existing tools, policies, guidelines and practices to identify opportunities to further strengthen the understanding and application of health considerations into transportation planning, design and decision making.

CITE is working closely with TAC to deliver to launch this study. Your input and support for the study will help to move forward this project.

For more information, please contact **Angela Gibson** (President of ITE Toronto Section) at [angela.gibson@york.ca](mailto:angela.gibson@york.ca) or **Sabbir Saiyed** (Chair of the TAC Transportation Planning and Research Standing Committee) at [sabbir.saiyed@peelregion.ca](mailto:sabbir.saiyed@peelregion.ca).

## News

### A Message From ITE International

For 2016 the top priority is for ITE to be the "go to" place for the wide array of transportation professionals, like yourself, involved in the planning, design, and operation of the transportation system. This means ensuring that we are attracting and engaging the full range of professionals—engineers, planners, technologists, policymakers, etc. involved in delivering transportation today. We will continue existing partnerships and elevate the profile of ITE as an industry leader. Communication to Districts, Sections,

and Chapters as well as Student Chapters and advisors will be greatly improved through regular calls and collaborative efforts.

ITE will enhance the membership experience by improving both the benefits and opportunities that we can offer our members to develop professionally. The new *ITE Traffic Engineering Handbook* will be released in January, and we will support the release with meaningful webinars to educate our members on what's new. We will move in new directions in trip generation as we begin to focus on urban, people-based movements. We are planning to release supplements to the *NACTO Transit Guide* to help our members implement the new and novel concepts presented in this guide. Our involvement in the Vehicle-to-Infrastructure Coalition will help us keep our members at the forefront of connected and automated vehicle technology developments. We will complete such reports as the *Traffic Calming ePrimer*, which will serve as an update to the *ITE Traffic Calming State of the Practice, Self-Enforcing Roadways, and Transitional Road Zones*.

Members will continue to have access to transportation experts and thought leaders as well as a collaborative environment to help get problems solved at [ITE Community](#). Our Sections offer regular opportunities for local interaction, professional development and collaboration. ITE International will enhance the profile of transportation professionals, make sure our members needs are communicated, and we will help interpret and disseminate key policy decisions. In addition, the [2016 Annual Meeting](#), August 14-17, in Anaheim, CA, USA will showcase the latest developments in transportation. It will be an outstanding event with excellent speakers, innovative programs and exhibits, and great opportunities to network.

Renewing is easy. Simply go to [www.ite.org](http://www.ite.org) and click on pay dues, call 202-785-0060 (use ext. 124, 149 or 127), or email [membership@ite.org](mailto:membership@ite.org).

### Follow ITE Toronto Section on Social Media

Over the past couple of years, the Executive Committee has been busy developing the Section's presence on social media to assist in communicating Section events as well as local transportation-related news to our membership. Please "like", "add" or "friend" us at the following sites:



Facebook: ITE TO ([www.facebook.com/ite.to](http://www.facebook.com/ite.to))



Twitter: ITE Toronto (@ITE\_Toronto)

Are you interested in helping to keep the Section's social media presence current? Are you proficient in the use of Facebook and/or Twitter? If so, please email Amy Jiang, ITE Toronto Section Communications Coordinator, at [jiang@bagroup.com](mailto:jiang@bagroup.com) with the heading "Social Media Help" for more details. Thank you!

### Canada's Anti-Spam Legislation

The Toronto Section of Institute of Transportation Engineers (ITE) strives to ensure that all communications comply with Canada's anti-spam legislation (see <http://itetoronto.ca/antispam.htm> for more information).

If you know of other members of ITE Toronto Section who are not receiving electronic communications from ITE Toronto Section and would like to, please have them contact our Communications Coordinator Amy Jiang at [jiang@bagroup.com](mailto:jiang@bagroup.com) to request our emails.

If you wish to unsubscribe from receiving future messages, please notify the ITE Toronto Section's Communications Coordinator at any time. Additional information about Canada's Anti-Spam Legislation is available at [www.fightspam.gc.ca](http://www.fightspam.gc.ca).

## ITE Contact Information

If you or one of your colleagues are not receiving the monthly ITE Journal, the quarterly CITE Transportation Talk, periodic web communication correspondence from CITE, and/or the ITE Toronto Section newsletters, then the contact information we have may not be up to date in our respective databases. ITE International, CITE and the ITE Toronto Section maintain separate membership databases. Every effort is made to keep the three databases consistent; however, there are instances where changes in membership have not been instituted across the databases.



For ITE Journal, Invoicing and other ITE international correspondence, Transportation Talk, and the Web Communications Centre, your current contact information can be viewed and changed at [www.ite.org](http://www.ite.org) on the right hand side of the home page, either under "login/logout" or by logging into ITE Community. It provides information on what your login and password are based on your ITE membership number and name.

For ITE Toronto Section Newsletters, your current contact information can be checked with our Communications Coordinator **Amy Jiang** at [jiang@bagroup.com](mailto:jiang@bagroup.com). The ITE Toronto Section distributes correspondence solely by e-mail. If you are receiving the Toronto Section newsletters and your e-mail contact information is correct, confirmation of mailing address information is not required.

**Do You ...**

... have any interesting transportation-related articles or photos that you would like to see in our newsletter? Send them electronically to our Communications Coordinator, **Amy Jiang** at [jiang@bagroup.com](mailto:jiang@bagroup.com).

Have any questions for the ITE Toronto Section? Contact our President, **Angela Gibson**, at [Angela.Gibson@york.ca](mailto:Angela.Gibson@york.ca) or Vice-President, **Hossein Zarei**, at [Hossein.Zarei@aecom.com](mailto:Hossein.Zarei@aecom.com).

Want to learn about Job Posting opportunities offered by the ITE Toronto Section and CITE? Contact our Communications Coordinator, **Amy Jiang** at [jiang@bagroup.com](mailto:jiang@bagroup.com).

**Your ITE Toronto Section 2016 Executive Members**

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