

2012/2013 Annual Report



March 15, 2013



University of Toronto ITE Student Chapter: A Year in Review

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The University of Toronto ITE Student Chapter (UT-ITE) has had a remarkable growth year in both chapter activities and membership. With another C-ITE Traffic Bowl win and our first ever Student-Industry Mixer event, our student chapter has been active at the local, national, and international levels. Throughout the year, we have invested in establishing relationships with ITE Toronto Section and industry in the Greater Toronto Area. Our annual recruitment drive was a huge success, with our membership increasing to 56 undergraduate and graduate students. As we move into springtime elections and another year, we look forward to building off of the momentum we have created over the last year.

This annual review is organized into three sections, as follows: Chapter Activities, Chapter Liaison, and Chapter Organization.



Chapter Activities



March 1, 2012 –
February 28, 2013

Our first event of the year was the hugely successful first ever UT-ITE Student-Industry Mixer. The mixer served to connect UT-ITE with peer groups such as the Ryerson University ITE Student Chapter, and local professionals, including many members of the Toronto ITE Section. The goal of the mixer was to create a friendly environment where students in the Greater Toronto Area could mingle with professionals and gain a better understanding of career options in the transportation industry. The mixer was attended by roughly 100 University of Toronto and Ryerson students, and was sponsored by: Arup, BA Group, Cima +, Delcan, Hatch Mott MacDonald, IBI, LEA, MMM, and URS. Representatives from City of Mississauga, Metrolinx and Ministry of Transportation Ontario were also in attendance.

Spring
2012

Prior to attending the Traffic Bowl Competition in Winnipeg, our traffic bowl team and other members of our executive joined ITE Toronto Section Members for a Traffic Bowl Warm-up. Mark Jamieson of the ITE Toronto Section hosted this social event, and walked everyone through practice trivia questions to help warm up the team.

For the second year in a row, we attended the C-ITE Annual Meeting, and are happy to announce that our UT-ITE team earned first place in the C-ITE Collegiate Traffic Bowl competition in Winnipeg, MB. Congratulations to Sarah Salem, Jared Duivestain and Jason Zhou!



Photo Credit: Nixon Chan



After their successful defense of the Canadian District Traffic Bowl Championship in Winnipeg, the UofT Traffic Bowl Team went to ITE Annual Meeting and Exhibit in Atlanta to compete in the grand championship. A total of nine teams were present, and after three preliminary rounds, the UofT team was one of the three teams to make it to the finals. After a close final round that saw all three teams take the lead, the UofT team was tied for first with the University of North Carolina. But, at the end of an epic seven rounds of sudden-death tiebreakers, UNC won the day. Nonetheless, the team is extremely proud to have come as close as they did to winning. Congratulations to Jared Duivesteyn, Jason Zhou and Keith Cochrane, who represented us in the Atlanta competition.

Following the Traffic Bowl Team's return home, we celebrated their success with a Traffic Bowl Celebration and Recruitment Drive. We provided cake for all of the students and professors in the ITS Centre Boardroom, and following the formal celebration, continued the party at one of the popular campus watering holes.



Chapter Activities



March 1, 2012 –
February 28, 2013

Summer
2012



Chapter Activities



ite

March 1, 2012 –

February 28, 2013

Fall 2012

UT-ITE is responsible for coordinating a weekly transportation seminar series, which takes place through the fall and winter semesters. This year, we invited a number of industry guests to present at our Ongoing Friday Seminar Series. And this year, for the first time, our student chapter has received funding from the Civil Engineering Department in recognition of our hard work and effort in making this seminar series run smoothly. Friday Seminar details are attached in Appendix A.

In the fall, 16 members and friends of the UT-ITE participated in our Annual Bonspiel, which is hosted by the UofT Curling Club. It was a great Saturday full of sweeping, yelling and sliding.

As part of the Fall Friday Seminar Series, UT-ITE contacted the Toronto Transit Commission (TTC) to organize a site tour of the Spadina Subway Extension project. This was a great opportunity for UofT students to meet TTC employees and get a firsthand understanding of subway construction.

To wrap up the Fall Friday Seminar Series, we invited outgoing Toronto ITE President Mark Jamieson to make a presentation, and join us at our UT-ITE Open House immediately following the seminar. Mark and our UT-ITE President, Erin Toop, kicked-off the Open House with a brief presentation, which explained ITE and UT-ITE to the new members. Following the presentation, we served lunch and provided computers for new UT-ITE members to register online with ITE International. At this open house we added over 30 new members to our email listserv and increased our overall membership to 57 graduate and undergraduate students.



Chapter Activities



March 1, 2012 –
February 28, 2013

The start of the winter semester marked the re-start of our Ongoing Friday Seminar Series and the start of the C-ITE Special Topics Course. In winter semester of 2013, UT-ITE is responsible for organizing both the Friday Seminar Series and the Special Topics Course. This involves recruiting presenters for the seminars, and advertising both weekly opportunities to students, faculty and friends of the University of Toronto transportation group.

After returning from the Transportation Research Board (TRB) Annual Meeting in Washington, DC, we organized a Winter Potluck to decompress from TRB and dull the pain of getting back to work. Given the large amount of delicious feedback, we have committed to hosting another potluck event later in the spring of 2013.

Due to popular demand, UT-ITE organized participation in the second Curling Bonspiel of the season, which took place early in February. Attendees of this event included a number of new and returning UT-ITE members. This made it a great opportunity for everyone to socialize and to welcome the new members to the group.

Winter 2013 also marked the start of preparation for our second annual Student-Industry Mixer, which will take place on March 20, 2013. This year we will have 11 private sector sponsors and 3 additional public sector agencies in attendance and invitations have been sent to students at UofT, University of Waterloo, McMaster University, and Ryerson University. We are looking forward to another successful event.

Winter
2013

Chapter

Liaison

As has been demonstrated through our yearly activities UT-ITE has made great efforts and improvements in liaising with peer groups and the ITE professional group in the Greater Toronto Area (GTA).

Our first ever Student-Industry Mixer allowed us to establish these relationships. We connected with our peer ITE Student Chapter at Ryerson University, and connected with the Toronto ITE Executive as well as other transportation professionals and ITE Members in the GTA. Through this event, we also made connections with University of Toronto Geography and Planning students, and have diversified our membership beyond only the engineering faculty.

When it came to inviting speakers to present in our Friday Seminar Series in the Fall and Winter semesters,

we leveraged these relationships with professionals in the GTA and invited a number of ITE Members to speak at our seminars, including ITE Toronto President Mark Jamieson. A full list of Friday Seminar Speakers is attached in Appendix A.

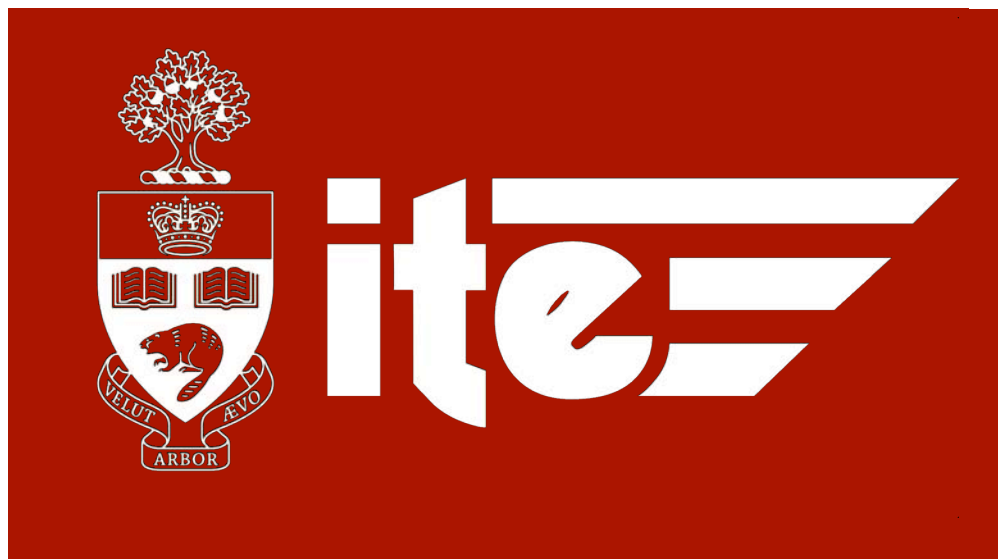
The Friday Seminar Series has also helped us to maintain our connections with students at Ryerson University. We regularly extend the seminar invitation to faculty and students at Ryerson.

Beyond the GTA, UT-ITE Members have liaised with ITE Members across the country and internationally at both the C-ITE Annual

Meeting in Winnipeg and the ITE International Conference in Atlanta.

U of T had a strong presence at the 2012 C-ITE meeting with our Traffic Bowl team winning the Canadian District competition, and our President, Erin Toop, winning the John Vardon Memorial Scholarship.

In the Fall of 2012, Erin attended the BC Interior Chapter's Fall Mini-Conference in Kamloops, BC. She liaised with the new and old BC Interior Chapter Executive and provided everyone at the meeting with an overview of the UT-ITE Traffic Bowl Team's success in Atlanta, GA.



Chapter Organization



2012-2013 UT-ITE Executive

President: Erin Toop

Vice-President: Jared Duivestein

Treasurer: Siva Sriukenthiran

Administrator: Mohamed Mahmoud

2012-2013 UT-ITE Financial Statement

Opening Balance - 2012-03-01		\$253.48
Income	Student-Industry Mixer Sponsorships	\$1,600.00
	C-ITE Funding	\$500.00
	Civil Department Friday Seminar Funding	\$1,500.00
	Traffic Bowl Team Funding	\$4,256.87
	Interest Adjustment	\$0.17
Total Income		\$7,857.04
Expenses	Student-Industry Mixer	\$(784.70)
	Traffic Bowl Team Expenses	\$(4,242.05)
	Traffic Bowl Celebration	\$(32.78)
	TTC Site Tour Transit Tokens	\$(26.00)
	Open House	\$(214.35)
Total Expenses		\$(5,299.88)
Closing Balance - 2013-02-28		\$2,810.64

Chapter Organization

2012-2013 UT-ITE Membership

	NAME	Degree	Program
1	Bryce Sharman	PhD	Civil Engineering
2	Landy Cheung	MASc	Civil Engineering
3	Toka Muhammad	PhD	Civil Engineering
4	Aya Aboudina	PhD	Civil Engineering
5	Keith Cochrane	MASc	Civil Engineering
6	Siva Srikuenthiran	PhD	Civil Engineering
7	Mohamed Salah Mahmoud	PhD	Civil Engineering
8	Samah El-Tantawy	PhD	Civil Engineering
9	Arash Olia	PhD	Civil Engineering
10	Adam Weiss	MASc	Civil Engineering
11	Greg Hoy	BASc	Civil Engineering
12	Erin Toop	MASc	Civil Engineering
13	Sarah Salem	PhD	Civil Engineering
14	Tamer ElAzzony	PhD	Civil Engineering
15	Gurbani Paintal	BASc	Civil Engineering
16	Steve Chiu	BASc	Civil Engineering
17	Brett Lessard	BASc	Civil Engineering
18	Alex Leonard	BASc	Civil Engineering
19	Leila Dianat	PhD	Civil Engineering
20	Katie Wittmann	MSc	Planning & Geography
21	Adam Wenneman	MASc	Civil Engineering
22	Seth McDermott	BASc	Civil Engineering
23	Anthony Sgro	BASc	Civil Engineering
24	Elli Maria Papaioannou	MASc	Civil Engineering
25	Nico Malfara	MASc	Civil Engineering
26	Mustafa Ersin Sarier	MASc	Civil Engineering
27	Aitor Imaz	Meng	Civil Engineering
28	Jane Borkovic	Meng	Civil Engineering
29	Josh de Boer	Meng	Civil Engineering
30	Ahmed Osman	PhD	Civil Engineering
31	Jess Lam	BASc	Civil Engineering
32	Gordon Hui	BASc	Civil Engineering
33	Glareh Amirjamshidi	PhD	Civil Engineering
34	Adam Harmon	MASc	Civil Engineering
35	Jared Duivestein	MASc	Civil Engineering
36	Kasra Rezaee	PhD	Civil Engineering
37	Mansura Sharmin	Meng	Civil Engineering
38	Ana Sasic	MASc	Civil Engineering
39	Azel Woldegiorgis	BASc	Civil Engineering
40	Gabriel Wolofsky	BASc	Civil Engineering
41	James Lamers	BASc	Engineering Science
42	Jacob Nigro	MSc	Planning & Geography
43	Hao Ding	BASc	Engineering Science
44	Pramod Dahal	BASc	Civil Engineering
45	Mehdi Nourinejad	MASc	Civil Engineering
46	Sean Lee	MSc	Planning & Geography
47	Fangzhou Su	MASc	Civil Engineering
48	Teodor Karamelo	BASc	Civil Engineering
49	Yunfei Zhang	BASc	Civil Engineering
50	Yiding Hu	BASc	Civil Engineering
51	Garrett Morgan	MSc	Planning & Geography
52	Joseph Milos	BSc	Civil Engineering
53	Mark Koh	BSc	Civil Engineering
54	Saurabh Chauhan	BSc	Civil Engineering
55	Ping Fang	MASc	Civil Engineering
56	Jiwon Jung	BSc	Engineering Science

Appendix A

Transportation Seminars from Fall 2012

Friday Sept 14, 2012 - 2-3pm : ITS Centre and Testbed SF3103 **Note Different Time

Keith Cochrane, MASc Thesis Presentation, Dept. of Civil Engineering, University of Toronto

Title: "Freight on Transit Delphi Study"

Friday Sept 21, 2012 - 11am-12pm: ITS Centre and Testbed SF3103

Dr Ezra Hauer, Professor Emeritus, Dept. of Civil Engineering, University of Toronto

Title: "Galton's Quincunx and Road Safety: When the Observed Value is not a Good Estimate"

Friday Sept 28, 2012 - 11am-12pm: ITS Centre and Testbed SF3103

Peter Kucirek, MASc Thesis Presentation, Dept. of Civil Engineering, University of Toronto

Title: "Testing and Validating MATSIM for Transit Assignment in Toronto"

Friday Oct 5, 2012 - 11am-12pm: ITS Centre and Testbed SF3103

Andreas Souvaliotis, Founder, AIR MILES for Social Change

Title: "Harnessing the power and popularity of consumer loyalty rewards to support behaviour change on a mass scale"

Friday Oct 12, 2012 - 11am-12pm: ITS Centre and Testbed SF3103

Bryce Sharman, PhD Thesis Presentation, Dept. of Civil Engineering, University of Toronto

Title: "Use of 'Passively-Collected' GPS Data for Disaggregate Freight Model Estimation of Carrier-Receiver Interactions"

Friday Oct 19, 2012 - 11am-12pm: ITS Centre and Testbed SF3103

Dr Richard Soberman, Professor Emeritus, Dept. of Civil Engineering, University of Toronto

Title: "Rethinking Transportation Planning"

Friday Oct 26, 2012 - 11am-12pm: ITS Centre and Testbed SF3103

Russell Brownlee, MASc, FITE, PEng, Associate, Giffin Koerth

Title: "Forensic Engineering and Accident Reconstruction"

Friday Nov 2, 2012 - 11am-12pm: ITS Centre and Testbed SF3103

Dr Amer Shalaby, Professor, Dept. of Civil Engineering, University of Toronto

Title: "Welcome to Transportation Planning at the University of Toronto"

Appendix A

Transportation Seminars from Fall 2012 (Continued)

Friday Nov 9, 2012 - 11am-12pm: ITS Centre and Testbed SF3103

Dr Gerald Stuart, Professor Emeritus, Dept. of Civil Engineering, University of Toronto

Title: "Recent TTS Survey: Processes and Issues"

Friday Nov 16, 2012 - 11am-12pm: ITS Centre and Testbed SF3103

Erin Morrow and Micah Zarnke, Associates, Arup

Title: "MassMotion Crowd Simulation"

Friday Nov 23, 2012 - 11am-12pm: ITS Centre and Testbed SF3103

Jim Gough, PEng, Partner, MMM Group

Title: "Mobility Hubs - developing multi modal areas that work"

Friday Nov 30, 2012 - 12pm-1:30pm: TTC Site Office and Sheppard West Station

Tour of the York Spadina Subway Extension Project

Attendees must bring: Steel Toed Boots, Safety Vest, Hard Hat, Safety Glasses

Friday Dec 7, 2012 - 11am-12pm: ITS Centre and Testbed SF3103

Mark Jamieson, PEng, Associate, B.A. Consulting Group

Title: Overview of Careers in Transportation Planning

Transportation Seminars from Winter 2013

Friday January 25, 2013 - 11am-12pm: ITS Centre and Testbed SF3103

Steve Munro, Local Transit Advocate, www.stevemunro.ca

Title: TBA

Friday February 1, 2013 - 11am-12pm: ITS Centre and Testbed SF3103

Dr Joseph Chow, Assistant Professor, Dept. of Civil Engineering, Ryerson University

Title: "An activity routing and scheduling assignment model for travel forecasting and network design"

Friday February 8, 2013 - 11am-12pm: ITS Centre and Testbed SF3103

Stephan Mehr, Director, Business Planning, Air Rail Link, Metrolinx

Title: TBA

Appendix A

Transportation Seminars from Winter 2013 (Continued)

Friday February 15, 2013 - 11am-12pm: ITS Centre and Testbed SF3103

Elana Horowitz, Senior Advisor, Strategic Policy and Systems Planning, Metrolinx

Title: "Overview of the Metrolinx Mobility Hub Guidelines"

Friday February 22, 2013

READING WEEK: NO SEMINAR

Friday March 1, 2013 - 11am-12pm: ITS Centre and Testbed SF3103

Daniel Fisher, Senior Advisor, Investment Strategy and Project Evaluation, Metrolinx

Title: "Transportation Economics and Metrolinx Benefits Case Analysis Program"

Friday March 8, 2013 - 11am-12pm: ITS Centre and Testbed SF3103

Ken Greenberg, Principal, Greenberg Consultants

Title: Discussion about urban design and urban transportation planning

Friday March 15, 2013 - 11am-12pm: ITS Centre and Testbed SF3103

Joshua Engel-Yan, Senior Advisor, Strategic Policy and Systems Planning, Metrolinx

Title: "Right-sizing Parking for Mobility Hubs: balancing transportation and place-making roles"

Friday March 22, 2013 - 11am-12pm: ITS Centre and Testbed SF3103

TBA

Title: TBA

Friday March 29, 2013

EASTER: NO SEMINAR

Friday April 5, 2013 - 11am-12pm: ITS Centre and Testbed SF3103

TBA, Canadian Automobile Association (CAA)

Title: TBA

Friday April 12, 2013 - 11am-12pm: ITS Centre and Testbed SF3103

Sarah Salem, PhD Candidate, Dept of Civil Engineering, University of Toronto

Title: TBA