



ANNUAL REPORT 2019-20

The University of British Columbia Institute of
Transportation Engineers Student Chapter



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UBC ITE Student Chapter Annual Report
Thursday, March 7, 2019

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To Whom It May Concern:

**UNIVERSITY OF BRITISH COLUMBIA
INSTITUTE OF TRANSPORTATION ENGINEERS
STUDENT CHAPTER ANNUAL REPORT
VANCOUVER, BC**

In response to the required student chapter annual report, this report summarizes the University of British Columbia Institute of Transportation Engineers Student Chapter's (UBC ITE SC) members, events, conferences, financials, and future objectives. As such, only select highlights of the events and conferences are presented.

While this report focusses mainly on student involvement, Dr. Tarek Sayed and Mr. Clark Lim have continued to provide support and guidance to the student chapter. This has been greatly appreciated and is part of the reason the student chapter has grown in 2019-20.

Sincerely,

Tarek Ghoul / Trevor Jones
Co-Presidents
UBC ITE Student Chapter (2019-20)



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Introduction

The Institute of Transportation Engineers (ITE) is an international community of transportation professionals. It was founded with two goals: to promote the standards of transportation and traffic engineering and to create a social platform for professionals to share knowledge. The University of British Columbia (UBC) ITE Student Chapter is a student-run organization that promotes the education of transportation traffic engineering, as well as transportation planning. The Student Chapter is located at the University of British Columbia, a leading engineering and research university with classes specializing in transportation engineering and planning. Dr. Tarek Sayed, the Chapter Advisor, was recognized as the top Canadian Road Safety Researcher of the century by the Transportation Association of Canada.

The UBC ITE SC fosters communication between students and the transportation industry by facilitating events such as: the annual industry night, field trips, and educational seminars. Students have found these events to be constructive to their career goals because they help to expand their knowledge base and industry network.



Members

In 2019-20, the UBC ITE SC has grown to 8 core Executive Board members and 29 Event volunteers for a total of 37 UBC ITE SC members with high levels of engagement expected.

Executive Board

The Executive Board is responsible for chapter planning and leadership, including finances and decision-making.



Tarek Ghouli

Co-President

Tarek is an M.Eng, soon to be M.A.Sc, student in Civil Engineering. He has a strong interest in Transportation Engineering. He seeks to pursue further research in the field and continue to promote the discipline on campus as well as through networking events. As Co-President, his roles include organizing events, connecting with industry contacts, and facilitating communication.



Trevor Jones

Co-President

Trevor is in the final year of UBC's B.A.Sc. in Civil Engineering degree. He is the primary organizer for many of the chapter's events and shares the role of leading team meetings with the other Co-President.



Stefan Baer

Co-Vice President

Stefan is a 4th-year Civil Engineering B.A.Sc. student passionate about using his craft to make a positive difference in the way we move about our built environments. Inspired by his extensive travels in Western Europe and East Asia, he is particularly interested in alternative and sustainable transportation modes such as public transit and active transportation. As such, he is a regular cycling commuter. His hope for ITE is that it continues to help build and foster meaningful networks and relationships between transportation engineering firms and students interested in the transportation field.



James Craxton

Co-Vice President

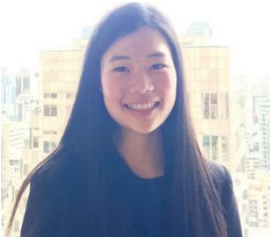
James is a Civil Engineering student and joined the UBC ITE SC in September 2018. James creates graphics for the chapter and is interested in Intelligent Transportation Systems.



Fajar Ausri

Co-Treasurer

Fajar is a master's student in Civil Engineering. His interest in transportation began as an undergraduate student at Purdue University, where he researched at demand modelling methods for bike-share systems across the US. His current research interests include non-auto mobility options and how it impacts regional transportation planning and engineering.



Whitney Chan

Co-Treasurer

Whitney is a 4th year civil engineering student. She has extensive work experience in the Transportation Planning aspect within Rail and Transit consulting. She is passionate in designing large transportation infrastructures and exploring the relationship between human behaviours and transportation systems.



Tala Alsharif

Publicity Representative

Tala Alsharif is a B.A.SC student in Civil Engineering. She joined the UBC ITE SC on September 2019 and was responsible for the planning, advertising and promoting of transportation engineering events such as Lunch & Learn and ITE Industry Night. She also supported in attaining sponsors and promoting their work amongst engineering students.



Benjamin Corbett

Event Coordinator

Benjamin Corbett is a civil engineering student serving as second year representative and communications lead for UBC ITE SC. He represented the chapter at the UBC International Road Safety Symposium and helps organize various Lunch & Learn events.

UBC ITE SC Annual Industry Night 2020 Team



Figure 1 - UBC ITE SC Annual Industry Night 2020 Team.

From left to right: Ruwei Li, Whitney Chan, Stefan Baer, James Craxton, Fajar Ausri, Alan Chen, Benjamin Corbett, Dania Carillo, Ya-yun Cheng, Trevor Jones, and Asha Fidow

The UBC ITE SC would like to thank all Event Volunteers for their selfless efforts to making Industry Night a success this year.



Members at Large

Aside from the Executive Board, **Error! Reference source not found.**, and UBC ITE SC Annual Industry Night 2020 Team, the following 25 UBC Students have actively expressed interest in the UBC ITE SC events and have contributed to the team.

Student Name	Year
Steven To	2nd Year Undergraduate
Davis Su	3rd Year Undergraduate
Amir Shojaee	Graduate Student
Gabriel Andrade Lanzaro	Graduate Student
Veer Joshi	2nd Year Undergraduate
Zehra Abbas	4th Year Undergraduate
Bakshpreet Gill	Graduate Student
Ruowei Li	4th Year Undergraduate
Nima Seraj	2nd Year Undergraduate
Ali Passant	2nd Year Undergraduate
Payam Nasernjad	Graduate Student
Bruce Pagnucco	Graduate Student
Josur Unorov	4th Year Undergraduate
Sam Roosma	4th Year Undergraduate
Usama Ali	Graduate Student
Winnie Zhuang	4th Year Undergraduate
Gaby Monagan	3rd Year Undergraduate
Jimin Park	Graduate Student
Sophia Kim	4th Year Undergraduate
Deepinder Bajwa	4th Year Undergraduate
Amir Hassanpour	Graduate Student
Connor Beardmore	4th Year Undergraduate
Elmira Berjisian	Graduate Student
Leona Leung	4th Year Undergraduate

Event Highlights

Storm Crow Student Social

In line with our yearly tradition, on October 10, 2019, the UBC ITE Student Chapter hosted a Kick- Starter Social at the Storm Crow Alehouse. Many continuing and new members of the student chapter joined us for a night of food, drinks, and board games.



Figure 1 – Stormcrow Student Social, October 10, 2019 Source: Stefan Baer, 2019

Lunch and Learn with Urban Systems

Brent Mcurthy from Urban Systems joined us for a pizza lunch & learn on October 9, 2018. He presented his work at urban systems with a focus on active transportation solutions. 40 students attended the event, see Figure 2 below.



Figure 2 - Urban Systems Lecture October 30, 2019. Source: Stefan Baer 2019.

Seminar with Gordon Price

In cooperation with the UBC transportation seminar group, Gordon Price, a well-known planner and Vancouver City Council member presented the history of transportation in Vancouver and his predictions for what the future may hold. 22 students attended this event on October 23, 2019.

Lunch and Learn with Dr. Frank Navin



Figure 3 – Frank Navin Lunch and Learn November 5, 2019. Source: Stefan Baer 2019.

Dr. Frank Navin, a retired professor at UBC, joined us for a pizza lunch & learn on November 5, 2019. He shared valuable insight on the skills required for transportation engineers to succeed in the field and went over several case studies about the factors causing projects to succeed. 24 students attended the event.

Lunch and Learn with Bunt & Associates

James Lee, Matt Taylor, and Christephen Cheng from Bunt & Associates joined us for a pizza lunch & learn on November 12, 2019. They provided us with valuable insight about new mobility and autonomous vehicles, presenting a study they performed on the impact of autonomous vehicles on congestion. About 30 students were in attendance.

UBC ITE SC Annual Industry Night 2020

The UBC ITE SC Annual Industry Night is the largest event of each year. This year, 129 people registered to network in the Engineering Student Centre on Friday, February 7, 2020. This included 30 transportation professionals, and 99 students. The total revenue generated this year through sponsorships was \$6,000, which was more than the sponsorships obtained in 2019. UBC ITE SC was thus able to invest more funds into organizing Industry Night which resulted in a larger turnout than most years.

Table 1 - UBC ITE SC Annual Industry Night 2020 Sponsors

Sponsor Type	Company
Gold	<ul style="list-style-type: none"> • Associated Engineering • Creative Transportation Solutions • ISL Engineering and Land Services • Urban Systems
Silver	<ul style="list-style-type: none"> • Bunt & Associates Engineering • Binnie Consulting
Bronze	<ul style="list-style-type: none"> • Canadian Institute of Transportation Engineers Greater Vancouver Section

In response to last year’s “Moving Forward” goals, the UBC ITE SC did additional advertising to UBC SCARP (Planning) students and increased the SCARP student turnout significantly, increasing UBC ITE’s reach.

Overall, the UBC ITE SC Annual Industry Night 2020 was a huge success with similar registration numbers to 2019. Figure 3 and Figure 4 depict the crowd.



Figure 3 - UBC ITE SC Annual Industry Night 2020 Complimentary Food. Source: James Craxton, 2020

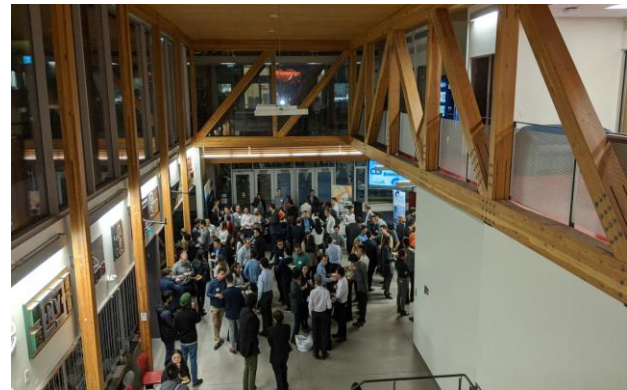


Figure 4 - UBC ITE SC Annual Industry Night 2020 Crowd. Source: James Craxton, 2020

Conference Highlights

UBC International Road Safety Symposium

From November 7-November 8, 2019, UBC hosted an international road safety symposium which brought in traffic safety experts from around the world including Dr. Ben Beck, Dr. Tarek Sayed, Dr. Ezra Hauer, Dr. Simon Washington, and Dr. Fred Wegman. The UBC ITE SC provided funding for three students to attend this conference and represent the chapter.

ACEC Conference



Figure 4 – ACEC Conference January 28, 2020.
Source: Stefan Baer 2020.



Figure 5 – ACEC Conference January 28, 2020.
Source: Stefan Baer 2020.

On January 28, 2020, four UBC ITE SC students attended a conference organized by the Association of Consulting Engineering Companies. The conference highlighted the future direction and trends surrounding BC's Transportation Plans and projections for the future of the industry.

CITE Conference in Ottawa

The CITE Annual Meeting took place in Ottawa from June 2nd to June 5th, 2019. The annual meeting was packed with technical seminars and technical tours during the daytime and social events throughout the evening. An event highlight for the UBC ITE Student Chapter was the Traffic Bowl Competition, where ten student chapters from Canada competed in a transportation themed Jeopardy-like competition.

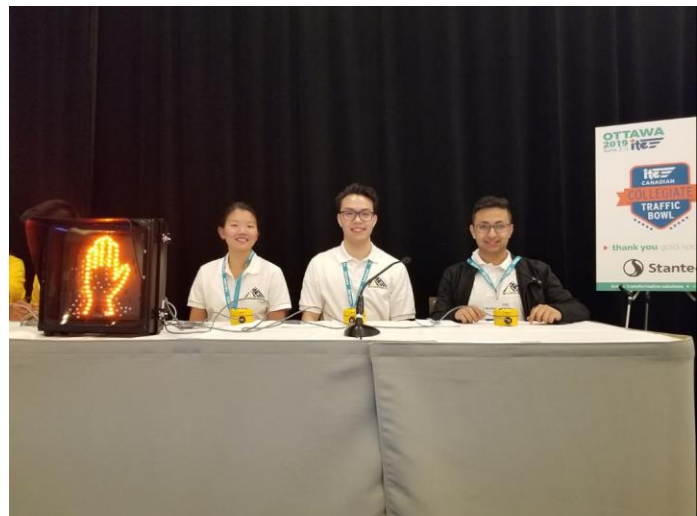


Figure 6 - CITE Conference in Ottawa June 4, 2018. Figure 7 - CITE Conference in Edmonton June 4, 2018. Source: Karin Huang, 2018



Financials

Looking through this year, sponsorships served as the main revenue of the student chapter and make our many events possible. Our major expenses included conference, food for events, and gifts for speakers. This year, the budget was maintained for the ITE Industry night which had great attendance comparable to the previous year. Students this year were able to attend more conferences than in previous years and more lunch and learns were also held. While the large sums of sponsorship may not be required to maintain the same level activity next year, the club is planning on organizing more events next year to further promote the club on campus. This can be done by hosting more events or sending more people to conferences, which would be at the discretion of next year's executives.

Date	Debit/Credit	Amount	Event	Notes	Balance
				Starting Balance	\$7,928.33
17-Sep-19	DR	\$212.40	Recruitment Event	Pizza	\$7,715.93
10-Oct-19	DR	\$143.91	Stormcrow Event	Team-building Event	\$7,572.02
23-Oct-19	DR	\$96.08	Gordon Price Graduate Seminar	Coffee and Snacks	\$7,475.94
30-Oct-19	DR	\$20.00	Lunch and Learn - Urban Systems	Symbolic Gifts for Industry	\$7,455.94
30-Oct-19	DR	\$255.89	Lunch and Learn - Urban Systems	Pizza	\$7,200.05
5-Nov-19	DR	\$630.00	UBC Traffic Safety Symposium	Attendance for 3 Students	\$6,570.05
5-Nov-19	DR	\$179.34	Lunch and Learn - Transportation Decision Making (Dr. Frank Navin)	Pizza (incl gift)	\$6,390.71
12-Nov-19	DR	\$179.62	Lunch and Learn - Bunt	Pizza	\$6,211.09
12-Nov-19	DR	\$52.81	Lunch and Learn - Bunt	Symbolic Gifts for Industry	\$6,158.28
11-Jan-20	CR	\$1,000.00	Sponsorship	CTS Gold Sponsorship	\$7,158.28
17-Jan-20	CR	\$1,000.00	Sponsorship	Associated Engineering Gold Sponsorship	\$8,158.28
17-Jan-20	CR	\$750.00	Sponsorship	Binnie Silver Sponsorship	\$8,908.28
17-Jan-20	CR	\$500.00	Sponsorship	GVITE Bronze Sponsorship	\$9,408.28
27-Jan-20	DR	\$1,134.00	ACEC Transportation Conference 2020	Attendance for 4 Students	\$8,274.28
30-Jan-20	DR	\$8.00	Industry Night	Advertising	\$8,266.28
3-Feb-20	DR	\$8.00	Industry Night	Advertising	\$8,258.28
6-Feb-20	DR	\$440.00	Industry Night	Gifts for Industry and Prizes	\$7,818.28
7-Feb-20	DR	\$148.89	Industry Night	Costco Catering Items	\$7,669.39
7-Feb-20	DR	\$850.50	Industry Night	Nuba Catering	\$6,818.89
7-Feb-20	DR	\$774.43	Industry Night	Savoury Chef Catering	\$6,044.46
7-Feb-20	DR	\$750.75	Industry Night	Sugar Catering	\$5,293.71
7-Feb-20	DR	\$21.40	Industry Night	Disposable Cutlery and Plates	\$5,272.31
7-Feb-20	DR	\$837.40	Industry Night	Equipment Rentals	\$4,434.91
7-Feb-20	DR	\$154.41	Industry Night	Plaques for Industry	\$4,280.50
10-Feb-20	CR	\$1,000.00	Sponsorship	Urban Systems Gold Sponsorship	\$5,280.50
12-Feb-20	DR	\$27.55	Industry Night	Name Tag Printing Reimbursement	\$5,252.95



Moving Forward

We believe that the following practices further the accomplishment of our goals as a student chapter and increase our outreach into the future:

- Ensuring that the incoming executive team has a diverse skill-set with respect to technical knowledge, communication skills, and connections with industry and the student body
- Continued coordination with the School of Community and Regional Planning (SCARP) to increase membership from students completing the Master of Urban Planning program with a focus in transportation.
- Continue cooperating with the UBC Graduate Transportation Seminar organizers to host joint lunch and learn events.
- Work on improving engagement among 2nd and 3rd year students to allow for a more seamless transition between years.
- Hosting joint events with the Greater Vancouver Institute of Transportation Engineers (GVITE) and Young Professionals in Transportation (YPT)
- Continue conducting public weekly student chapter meetings where executives are required to attend but member-at-large attendance is optional