

Canadian Institute of Transportation Engineers
Greater Vancouver Section
2017 Annual Report
January 1st to December 31st, 2017

### Prepared by:

**Niraj Sunuwar, P.Eng.** Treasurer, GVITE 2017

Date of Issue: March 31st, 2018





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Cover Photo: Burrard Street & Cornwall Avenue Intersection

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### 1.0 2017 SECTION AND CHAPTER EXECUTIVE

The activities of the Greater Vancouver Section of the Institute of Transportation Engineers (GVITE) are organized by the Section executive and the respective executives of its three chapters: the British Columbia (BC) Interior Chapter, the University of British Columbia (UBC) Student Chapter, and the University of British Columbia Okanagan (UBCO) Student Chapter.

**President** 

### 1.1. GREATER VANCOUVER SECTION

The 2017 Greater Vancouver Section executive is as follows:



Brendan Stevenson, P.Eng., PTOE. R.F. Binnie & Associates



Vice-President Linda Qian Lin, P.Eng. Bond Capital



**Secretary**Jared Duivestein, M.A.Sc., P.Eng.
Parsons

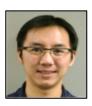


Treasurer Niraj Sunuwar, P.Eng. Urban Systems Ltd



Immediate Past-President

Billy Dong, P.Eng.
Bunt & Associates



Webmaster
Jonathan Ho, P.Eng., PTOE
R.F. Binnie& Associates
& Sam Young, P.Eng.
TransLink

### 1.2. BC INTERIOR CHAPTER

The 2017 BC Interior Chapter executive is as follows:

President: Ian Roth

Vice President: Tom BaumgartnerSecretary: Ellen MorrisonTreasurer: Peter Truch

Members at Large: Megan Beaulieu, Natasha Elliott, Gord Lovegrove,

Nini Nyetpchuk, Stephen Sargeant, Avi Thiessen, Chad Williams

Past President: Amanda WatsonStudent Representative: Robin Forbes

GVITE Section Liaison: Niraj Sunuwar, P.Eng.



### 1.3. UBC STUDENT CHAPTER

The 2017 UBC Student Chapter Executives are as follows:

Chapter Advisor: Prof. Tarek Sayed, P.Eng.

Assistant Chapter Advisor: Clark Lim, P.Eng.

Co-President(s): Omar El Masri and Maria Albitar

Co-Vice President(s): Jeremy TseSecretary: Alexander LiawTreasurer: Ian McKenna

3<sup>rd</sup> Year Representative: Vacant
 2<sup>nd</sup> Year Representative: Vacant
 Publicity Rep: Mona Dahir
 Social Coordinator: Mike Nakai
 Webmaster: Chandler White

GVITE Section Liaison Brendan Stevenson, P.Eng.

### 1.4. UBCO STUDENT CHAPTER

The 2017 UBCO Student Chapter Executives are as follows:

Chapter Advisor: Dr. Gordon Lovegrove, P.Eng.
 President: John Rozema and Eric Ma

Vice President: Andrew Halfhide and Brady Harris

Secretary: Farhad FaghihiTreasurer: John StevensPast President Karen Reimann



### 2.0 SUMMARY OF SECTION ACTIVITIES

### 2.1. SECTION MEETINGS AND EVENTS

In summary, the Greater Vancouver Section hosted a total of two breakfast meetings, five lunch meetings, and one dinner meeting, which was the Annual General Meeting and Awards Dinner for 2017. The Section also put on the 16<sup>th</sup> annual golf tournament, which was well-attended by local members, and supported by our beautiful west coast weather.

The BC Interior Chapter hosted a presentation jointly with UBC Okanagan Student Chapter in spring and a mini-conference in the fall. The two Student Chapters each hosted an Industry Night at the respective campuses, both of which were well-attended by both students and industry professionals.

**Table 1 - Summary of Section Meetings and Events** 

Date	Type	Location	Topic	Attendance
Tuesday, February 7 2017	Industry Night	UBC Point Grey Campus, Vancouver	UBC ITE Student Chapter Industry Night	65
Wednesday, March 1, 2017	Lunch Meeting	Vancouver Public Library, Vancouver	Valley Trail Cycling Safety Assessment – Whistler, BC	34
Wednesday, March 29, 2017	Lunch Meeting	Holiday Inn Express Metrotown, Burnaby	Light Rail Transit in Surrey	43
Tuesday, April 18, 2017	Lunch Meeting	Executive Suites, Coquitlam	TransLink's Compass Card	21
Tuesday, May 16, 2017	Lunch Meeting	Holiday Inn Express Metrotown, Burnaby	Impact of Technological Innovations to the Transportation Industry	30
Tuesday, June 6, 2017	Breakfast Meeting	YWCA Hornby, Vancouver	YVR 2037 Master Plan	29
Thursday, June 22, 2017	Golf Tournament	Burnaby Mountain Golf Course, Burnaby	16 <sup>th</sup> Annual Golf Tournament	18
Sunday- Wednesday, July 30-	Annual Conference	Toronto	ITE/CITE Annual Meeting and Exhibit	N/A



Date	Type	Location	Topic	Attendance
August 2, 2017				
Wednesday, September 13, 2017	Lunch Meeting	Holiday Inn Express Metrotown, Burnaby	New ICBC Road Safety Benchmarks	44
Tuesday, October 17, 2017	Breakfast Meeting	Executive Suites Hotel, Burnaby	BC's Variable Speed Limit System	39
Tuesday, November 28, 2017	Dinner Meeting	Hilton Vancouver Metrotown, Burnaby	Annual General Meeting and Awards Dinner	35

### 2.2. EVENT AND CONFERENCE ATTENDANCE BY GVITE EXECUTIVES

UBC ITE Annual Industry Night (February 7, 2017): Attended by all executive members.

ITE/CITE Joint Annual Conference in Toronto (July 30 to August 2, 2017): Attended by Brendan Stevenson, President.

### 2.3. AWARDS

### 2.3.1. **GVITE Annual Section Awards**

At the Annual General Meeting in December, GVITE proudly recognized the achievements of the following project teams and transportation professionals:

- Bill Curtis Award (Transportation Project of the Year):
  - West End Parking Strategy (City of Vancouver)
- Mavis Johnson Award (Road Safety Project of the Year):
  - Protected Intersection Installation at Burrard Street & Pacific Street (City of Vancouver, Parsons, TranSafe Consulting Ltd.)
- Outstanding Professional Award:
  - Stephanie McNeely, P.Eng. (City of Vancouver)
- Young Professional Award:
  - Ross Kenny, P.Eng. (City of Vancouver)
- Lifetime Achievement Award:
  - Jan Voss, M.Sc., P.Eng., PTOE (Creative Transportation Solutions Ltd.)



### 3.0 ITE GREATER VANCOUVER SECTION IN 2017

### 3.1. MEMBERSHIP

The latest GVITE Section membership report was received from ITE on March 20th, 2018. The detailed breakdown of our Section's membership is as follows:

Membership Type	Number						
Greater Vancouver							
Member Life, Prepaid and Retired	9						
Fellow	13						
Fellow Life, Prepaid and Retired	10						
Member	241						
Student Member	52						
BC Interior							
Member Life, Prepaid and Retired	0						
Fellow	0						
Fellow Life, Prepaid and Retired	0						
Member	10						
Student Member	0						
Total Greater Vancouver Members:	335						

### 3.2. FINANCE

Does your section have a Federal Employer Identification Number?

[ ] Yes [ X ] No

### 3.2.1. Financial Position

GVITE is a not-for-profit organization that supports the advancement of the transportation engineering and planning industry within the Section area, in association with its parent organization, ITE International. The Section area includes all of British Columbia, except Vancouver Island.

The Section's funding generally comes from several key sources, including ITE membership dues, monthly meeting attendance fees, and the ITE Quad Conference (hosted every four years by rotation with the Vancouver Island Section, Washington State Section and Oregon Section). The funds generated at each Quad Conference are typically used to sustain the Section activities in the intermediate years between Conferences. The last Quad Conference held by GVITE was in 2015, with the next one anticipated in 2019.

The Section's major expenses typically include costs associated with our monthly presentations (event venue and food), Section operational costs (including the participation of executive members in the annual Canadian ITE and Quad Conferences), various sponsorship opportunities of the UBC ITE Student Chapter as well as annual awards supporting ITE activities.



### 3.2.2. Year Status

At the beginning of the 2017 fiscal year, the Section had an account balance of \$13,002.38. During the course of 2017, the Section's revenues were \$ 18,230.07 and the expenditures were \$21,422.77 for a net loss of \$3,192.70. The 2017 GVITE Section financial summary is shown in **Table 2** below.

**Table 2 - GVITE Financial Summary for 2017** 

Item Type		Income	Е	xpenditures		Net (Loss)		Balance
Balance on Jan 1, 2017							\$	13,002.38
UBC SC ITE Industry Night			\$	500.00	\$	(500.00)		
CITE Annual Conference (B. Stevenson Expenses)			\$	2,973.31	\$	(2,973.31)		
Golf Tournament	\$	2,343.65	\$	1,813.73	\$	529.92		
HDMI Cable			\$	14.53	\$	(14.53)		
July 18 Executive Meeting Food			\$	92.66	\$	(92.66)		
CITE Membership Fees	\$	2,731.50			\$	2,731.50		
GVITE Banner			\$	80.55	\$	(80.55)		
AGM Award Plaques			\$	541.69	\$	(541.69)		
Bank Fees			\$	17.88	\$	(17.88)		
							_	
	<u> </u>							
Monthly Mostings (Mor. Any Moy. Ives Con. Oct. No.	•	13,150.00	<b>7</b> m	45,000,40	\$	(4.020.42)		
Monthly Meetings (Mar, Apr, May, June, Sep, Oct, No Meeting #1 01/03/2017		1,130.00		15,088.42 1,032.84	Ф	(1,938.42)		
Meeting #1 01/03/2017  Meeting #2 29/03/2017		2.050.00	\$	1,032.64			-	
Meeting #2 29/03/2017 Meeting #3 18/04/2017	\$	960.00	<u>φ</u> \$	1,709.99				
Meeting #3 18/04/2017 Meeting #4 16/05/2017	\$	1,495.00	\$	1,463.17			-	
Meeting #4 10/05/2017  Meeting #5 06/06/2017		1.035.00	\$	947.02				
Meeting #5 00/00/2017  Meeting #6 13/09/2017	\$	2,045.00	\$	1,494.39			-	
Meeting #7 17/10/2017	\$	1,760.00		1,917.31			-	
AGM 28/11/2017	\$	2,675.00	\$	4,531.92			_	
AGIVI 20/11/2017	Ψ	2,070.00	Ψ	4,001.92				
Speaker Gift Cards (8 @ \$25)			\$	200.00	\$	(200.00)		
Speaker Gift Cards (4 @ \$25)			\$	100.00	\$	(100.00)	Т	
( 5 4=5)					Ť	(122100)		
Interest	\$	4.92			\$	4.92		
2017 CALENDAR YEAR TOTAL	\$	18,230.07	\$	21,422.77	\$	(3,192.70)		
Balance on January 1, 2018				•		,	\$	9,809.68
- CAD Chequing Account							\$	10,234.68
- PayPal Account							\$	-
- Change in Cash							\$	(425.00)

Notable points with regards to Section finances include the following:

- The Section spent a total of \$15,088.42 on eight meetings in 2017, including the Annual General Meeting (AGM). A total of \$13,150.00 was collected from meeting registration fees.
- The Section's operating costs totaled \$747.31, including one executive meeting, purchase of HDMI cable and AGM Award plaques, etc.
- The Section's annual golf tournament raised \$529.92 to support the Section activities.
- The total cost of sending a GVITE representative to the Canadian ITE (CITE) Conference and Annual General Meeting in Toronto was \$2,973.31.
- The total cost of sponsoring UBC Student Chapter activities was \$500.00.
- ITE International and the ITE Canadian District provided remittance cheques totaling \$2,731.50 CAD.

The detailed GVITE Financial Statement is attached in **Appendix A** of this report.



### 3.3. LEGAL ACTIVITIES

Was there a change in the Section Bylaws during this reporting period?

[ ] Yes [ X ] No

Was there a change in the Chapter Bylaws during this reporting period?

[ ] Yes [ X ] No

### 3.4. MONTHLY MEETINGS AND EVENTS

2017 was yet again a busy and successful year for GVITE, with the Section hosting several local monthly meetings for the membership to attend.

The first event of the year was the annual Student Industry Night, held on February 7th by the University of British Columbia's ITE Student Chapter. The event took place at the Engineering Student Centre and was well-attended by both students and industry professionals. The event provided an excellent opportunity for students to network with professionals and for companies to promote transportation engineering and showcase their areas of expertise.

The second event of the year was a lunch meeting held on March 1st. Floris van Weelderen from WSP provided insights into current practices and recent innovations for completing cycling safety assessments of a multi-use trails, such as the scenic 40 km long Valley Trail network in Whistler. In addition, the findings of an investigation into the operational characteristics of power assisted bicycles, electric scooters, ebikes or other Personal Mobility Devices (PMVs) were shared. This assessment enabled the Resort Municipality of Whistler to develop a policy for allowing e-bikes and





other emerging PMVs on non-motorised municipal facilities, such as sidewalks, bike lanes, multiuse pathways and trails within its jurisdiction while restricting others to the street.



The first event of spring was held on March 29th, and consisted of a breakfast meeting where Paul Lee, the Acting Project Director of Surrey Light Rail Transit (LRT) at the City of Surrey, shared his experience and the City's perspective on TransLink's proposed LRT system in Surrey. The project is currently in the planning and design phase, and upon completion will be the region's first at-grade, urban-style rail transit system. Paul highlighted how the LRT is the catalyst in a broader plan to help shape sustainabile development in the City over the course of several decades.

The second event of the spring was held on April 18th, and coincided with the one-year anniversary of when TransLink first closed the faregates at all SkyTrain Stations and facilitated wide-spread adoption of the Compass Card by the general public. Tom Prestia and William Hui, systems engineers at TransLink who worked on the Compass Card, delivered a presentation a customized presentation that was centered around the questions submitted in advance by GVITE members. Tom and William described many of the key features of the Compass Card system, and noted that as of the time of the





presentation nearly 2 million Compass Cards have been issued and that the Compass Card is used to pay for over 95% of all fares. Questions from the GVITE community focussed heavily on applications, and covered topics including fare calculation methodology, potential future fare policy and refinements to the existing transit zone system, use of other media such as credit cards for fare payment, and data collection and analytics, including potential for open data.

The third event of the spring quarter was a lunch meeting on May 16<sup>th</sup> with Clark Lim of Acuere who expanded on some of the themes presented in his Internet of Transport Things (IoT2) talk from last year. Throughout history, man's innovations resulted in key technologies that represent a marker for each human era. The constant evolution of technologies combined with fundamental needs creates industries with a cycle of birth, peak and death. "Disruptive" innovations are the "engines" of these cycles and the discipline of engineering is the source of many of these "disruptive" innovations. However, the rate of innovation and change is approaching unprecedented levels. Innovations, such as autonomous vehicles, big data, and artificial intelligence, have the potential to significantly change the transportation engineering industry.



Clark's presentation led the discussion as to "Whether the transportation industry will become a victim of disruption, or be able to change and adapt to the future? If so, what can we do to transform our industry and our profession?"

The final event before the summer break was a breakfast meeting on June 6th. Nancy Baggio, of the Vancouver Airport Authority discussed the YVR 2037 Master Plan, the authority's 20-year plan for guiding the development of the Vancouver International Airport. This presentation discussed all aspects of the Master Plan, including the consultation process, terminal plans, airside and airspace, ground access, the natural environment, community amenities and land use planning.

Over the summer break, the Greater Vancouver Section of ITE hosted the 16th Annual **GVITE** Golf tournament Thursday, June 22nd at the Burnaby Mountain Golf Course. The weather was great with many golfers participating in the tournament and dinner, and prizes given out. Following the success of last year's event. trivia auestion with transportation-related topic was asked at the end of every hole.

The first event of the fall was a lunch meeting held on September 13th, with Paul de Leur of and Nicholas Moss of the Insurance Corporation of British Columbia (ICBC), who presented the results of the recent update to the ICBC Road Safety Benchmarks. The previous benchmarks were compiled ten years ago, and the update provided a new set of benchmark road safety metrics, based on 2011-2015 crashes and covering a range of







intersection types and environments. These updated benchmark values are used to identify high-



risk locations by facilitating comparisons using sets of average values for crash frequencies, rates, and severities. The benchmarks provided enhanced an framework for the systematic and proactive identification of intersections for safety improvements, including those that may be eligible for funding under ICBC's Road Improvement Program, now in its 27th year.

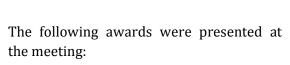
The second technical event of the fall was a breakfast meeting on October 17<sup>th</sup>. Kenedee



Ludwar and John Babineau of the BC Ministry of Transportation and Infrastructure discussed the implementation of BC's Variable Speed Limit (VSL) system on three major rural highways. Road side sensors collect data on weather and road conditions, and vehicle speeds, and the Ministry uses this information to remotely adjust speed limits accordingly. Kenedee and John discussed the challenges of automating speed limit recommendations, and an upcoming application of a VSL system in an urban highway context as a congestion management tool.

### 3.5. ANNUAL GENERAL MEETING

The Section held its AGM and Awards Dinner on November 28, 2017 at the Hilton Vancouver Metrotown Hotel in Burnaby. The meeting was well-attended by members, family, friends and colleagues in the local transportation industry to reconnect and celebrate another successful year for the Greater Vancouver Section.





### Bill Curtis Technical Achievement Award (Transportation Project of the Year)

- This award celebrates technical excellence in the field of transportation engineering, design and traffic operations.
- The nominated projects can be a roadway design projects, traffic operation programs as well as transportation studies.
- The selected projects must be substantially implemented or completed in the current calendar year.
- The selection criteria include technical complexity and innovation, societal importance, sustainability, quantity of work and budget/time limitation.



This award was presented to the City of Vancouver for the West End Parking Strategy. This project's main intent was to free up on-street parking in the West End for visitors a nd short-term trips by moving long term residential parking into off-street facilities.

# Mavis Johnson Award (Road Safety Project of the Year)

- This award celebrates technical excellence in the field of road safety.
- The nominated projects should focus on improving road safety. The projects could include safety for vulnerable road users, road safety audits, collision analysis, traffic calming, safe route to school programs, educational campaigns etc.
- The selected projects must be substantially implemented or completed in the current calendar year.
- The selection criteria include technical complexity and innovation, societal importance, sustainability, quantity of work and budget/time limitations.

This award was given to the City of Vancouver, Parsons and TranSafe Consulting Ltd. for Protected Intersection Installation at Burrard Street & Pacific Street. As part of a larger project to rehabilitate the historic Burrard Street Bridge and restore pedestrian access to the east sidewalk, the intersection



Bill Curtis Award presented to Jennifer Draper by Immediate Past-President Billy Dong



Mavis Johnson Award accepted by David Currie, Raheem Dilgir and Matthew Chan (from left to right)

with Pacific Street at the north end of the span was reconfigured with a combination of spatial and temporal separation between modes to eliminate conflicts between people walking, cycling and driving.



### **Outstanding Professional Award**

- This award acknowledges outstanding professional contribution in last two to three years.
- The types of achievement can include in a particular project success, general project management or technical work, services to ITE and community, etc.

This award was presented to Stephanie McNeely, P.Eng. from the City of Vancouver.

### Young Professional Award

- This award recognizes demonstration of growing leadership skill and valuable contribution to ITE and/or the transportation engineering and planning profession.
- To be eligible, a candidate must be a young professional working in the transportation profession.
- A young professional is defined as being 35 years of age or younger on January 1 of the current calendar year.

This award was presented to Ross Kenny, P.Eng. from the City of Vancouver.

### Lifetime Achievement Award

 This award recognizes a lifetime of contribution in the transportation industry.

This award was presented to Jan Voss, M.Sc., P.Eng., PTOE, founder and President of Creative Transportation Solutions Ltd.



Ross Kenny (left) accepts Young Professional Award



Jan Voss (left) accepts Lifetime Achievement Award



Following the awards presentations, the Greater Vancouver Section held its annual general meeting. As 2017 Vice-President Linda Qian Lin has begun pursing a different field, she elected to step down from her role on the Section executive. Therefore, two new executives, Cameron Perkin and Amy Do, have joined as our new Treasurer and Secretary, respectively. Additionally, after several years of service, co-webmaster Jonathan Ho also elected to step down, and Sam Young will become the Section's Primary Webmaster. As a result, the 2018 Executive members are:

- President: Jared Duivestein (Parsons)
- Vice-President: Niraj Sunuwar (Urban Systems)
- Secretary: Amy Do (City of Vancouver)
- Treasurer: Cameron Perkin (McElhanney)
- Immediate Past-President: Brendan Stevenson (R. F. Binnie & Associates)
- Webmaster: Sam Young (TransLink)



### 3.6. 16<sup>TH</sup> ANNUAL GOLF TOURNAMENT



The 16th Annual GVITE Golf tournament was held on Thursday, June 22nd at the Burnaby Mountain Golf Course. The purpose of the golf tournament is to raise money to sponsor UBC student chapter activities. The weather was great with over 18 golfers participating in the tournament and dinner, with many prizes given out.

### 3.7. MEMBERSHIP SURVEY

The GVITE Executive often receives feedback about the events that the Section organizes, as well as suggestions about events that the Section should organize. In response, in 2017 the Executive launched the first-ever online member survey, to solicit feedback about how the section is run, and what opportunities exist for improvement. To encourage participation, a \$50 gift certificate prize was awarded to a randomly-selected participant. The feedback confirmed that the memberships favoured events are breakfast or lunchtime technical seminars, with a preference for relatively central locations and moderate costs. Member feedback highlighted some of the different challenges that public- and private-sector professionals have in obtaining permission to register for events, and the Section is looking to ensure continued participation from professionals in both



sectors (as well as students). Other feedback included an interest in technical tours, improved social media presence, and preferences for presentation topics.

### 3.8. BC INTERIOR CHAPTER

The BC Interior Chapter's vision is to support all ITE members and transportation professionals in the interior area of the Province of British Columbia (bounded approximately on the west by Hope, on the east by the BC/Alberta Border, on the north by Prince George, and on the south by the Canada/US border). As noted in this report, the BC Interior Chapter successfully hosted a miniconference in the fall. In 2017, the BC Interior Chapter elected to establish their own Section, and is currently working with CITE to facilitate this process. The GVITE Executive is supportive of the Chapter's initiative, and has worked with the Chapter to formalize the geographic boundaries of the two organizations.

The 2017 BC Interior Chapter Annual Report is appended to this document as **Appendix B**.

### 3.9. UBC STUDENT CHAPTER

The UBC ITE Student Chapter has had an active year, organizing several major events, as well as participating in events organized by other groups. The UBC Student Chapter hosted the Annual Industry Night in February 2017. Attendance from both the student and industry communities was high. Three student members also attended the ITE / CITE Annual General Meeting & Exhibit in July/August of 2017. Additionally, UBC ITE student members actively attended GVITE Section meetings as well as a number of student activities and initiatives.

The Chapter continued to be supported by Dr. Tarek Sayed as the Chapter Advisor and Mr. Clark Lim as the Assistant Chapter Advisor. The 2017 UBC ITE Student Chapter Annual Report is appended to this document as **Appendix C**.

### 3.10. UBCO STUDENT CHAPTER

The chapter successfully hosted student presentation contest, Industry Night, and a mini Traffic Bowl competition in 2017. Three student members also attended the ITE / CITE Annual General Meeting & Exhibit in July/August of 2017.

The 2017 UBCO ITE Student Chapter Annual Report is appended to this document as **Appendix D**.

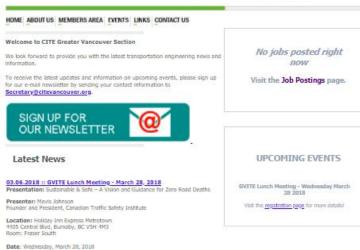
### 3.11. GVITE WEBSITE

The website for the Greater Vancouver Section at <a href="http://www.citevancouver.org">http://www.citevancouver.org</a> continues to be the main point of contact for its membership. Upcoming events, job postings and event registration are hosted on the website. The web team is composed of Sam Young and Jonathan Ho.

The functionality of the website has not changed in the past few years and most of the work in 2017 was related to upkeep and maintenance. One minor but helpful improvement was the addition of newsletter sign-up information on the front page of the website. The Executive has heard from members and non-members alike that they were not sure how to sign up for the newsletter, or who to contact to update their email address after switching positions. Since being implemented, roughly 15 new members have signed up for the newsletter using this option, and in some cases have begun participating in Section events.







website. The new website will likely draw from the work that is done for the 2015 QUAD conference, both in terms of layout/aesthetics as well as functionality. While the plans are still preliminary, the web team will likely embark on a staged approach that will involve gathering feedback from the ITE members regarding functionality reviewing existing code, and porting existing implementing new features. anticipated improvements will be made to include social media into the new website. GVITE has also begun exploring the option of using the existing CITE website as the Section website. During discussions

For the second half of 2018, there are plans to create a new look and feel for

on

functionality

that

with

Presidents at the Annual Conference, it was mentioned that several Sections have already been doing this to save

on website costs and reduce the

of

responsibilities

Webmasters.

the

other

the

Vancouver

Section

desired

website.

It is

significant

Section

Section

Greater

Time: 11:30 am - 12:00 am (Registration & Lunch) 12:00 am - 1:00 pm (Presentation)

Early Bird Cost (before 21 March 2018): \$45 (Members), \$50 (Non-Members),

Cost (on or after 21 March 2018): \$55 (Members), \$60 (Non-Members), \$35

(Students)

Fatal crash outcomes usually depend upon a number of factors which interact and lead to death. We need to consider the role that all the elements play in a fatal outcome — the road and madistile, the vehicle, the speed limit and behaviour of the road users involved. A legical framework, which examines thate road safety elements and their interactions, is essential to enable practitioners to develop their thinking and understanding sound risk and countermeasure possibilities. It includes elements that are proactive in nature, such as Land Use Planning in addition to elements that are reactive, such as Plant-Crash Response. The Safe System approach provides this framework. It is cerived from the work of the Swedish Road Authority and Road Safety Agencies in the Netherlands and has been adopted as the foundation for Canada's RSV 2025 and by several provisces and critis. A recent report from the World Resources Institute revealed that countries that have adopted a Safe System approach have both the lowest rotes of fatallities per 100,000 population and the fastest rate of change in fistality levels. This presentation will a sec space approach rate of change in fatality levels. This presentation will cover the principles of the Safe System approach, in addition to the benefits of moving to this comprehensive and integrated approach.

### About the Presenters:

Mavis Johnson was the Founder and President of the Canadan Traffic Safety Institute. She has been involved in rood safety in the UK and Canada for almost 50 years. In January 2017 she became the Cammunity Development Advisor to the Traffic Injury Research Foundation. She continues to take a leadership role in road safety arross Canada and has been actively Involved in developing integrated road safety strategies in several cities and provinces. In the last ben years she has undertaken many international road safety projects, particularly in low and middle income countries. Her major focus is in strategic road safety planning and the Seystem approach. Mavis has knowledge and expertise in all areas within the Decade of Action for road safety and understands the importance of all the components working harmoniously to deliver positive road safety outcomes. She is a former have cent of the Canadalan Association of Road Safety Professionals and former Chair (and founder) of the Transportation Association of Canada's Road Safety Steering Committee.

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## APPENDIX A: 2017 GVITE FINANCIAL STATEMENT

CAD Chequing + PayPal Account

Item Type		Income	Е	xpenditures		Net (Loss)		Balance
Balance on Jan 1, 2017							\$	13,002.38
UBC SC ITE Industry Night			\$	500.00	\$	(500.00)	***************************************	
CITE Annual Conference (B. Stevenson Expenses)			\$	2,973.31	\$	(2,973.31)		
Golf Tournament	\$	2,343.65	\$	1,813.73	\$	529.92		
HDMI Cable			\$	14.53	\$	(14.53)		
July 18 Executive Meeting Food			\$	92.66	\$	(92.66)		
CITE Membership Fees	\$	2,731.50			\$	2,731.50		
GVITE Banner			\$	80.55	\$	(80.55)		
AGM Award Plaques			\$	541.69	\$	(541.69)		
Bank Fees			\$	17.88	\$	(17.88)		
							***************************************	
Monthly Meetings (Mar, Apr, May, June, Sep, Oct, Nov)  Meeting #1 01/03/2017	\$	13,150.00 1,130.00		15,088.42 1,032.84	\$	(1,938.42)		
Meeting #2 29/03/2017		2,050.00	\$	1,709.99				
Meeting #3 18/04/2017		960.00	\$	1,991.78				
Meeting #4 16/05/2017		1,495.00	\$	1,463.17				
Meeting #5 06/06/2017		1,035.00	\$	947.02				
Meeting #6 13/09/2017		2,045.00	\$	1,494.39				
Meeting #7 17/10/2017	\$	1,760.00	\$	1,917.31				
AGM 28/11/2017	\$	2,675.00	\$	4,531.92				
Speaker Gift Cards (8 @ \$25)	ļ		\$	200.00	\$	(200.00)		
Speaker Gift Cards (4 @ \$25)			\$	100.00	\$	(100.00)		
Interest	\$	4.92			\$	4.92		
2017 CALENDAR YEAR TOTAL	\$	18.230.07	\$	21,422.77	\$	(3,192.70)		
Balance on January 1, 2018	<u> </u>	10,200.07	Ψ	21,722.11	۳	(0,102.70)	\$	9,809.68
- CAD Chequing Account							\$	10,234.68
- PayPal Account							\$	-
- Change in Cash							\$	(425.00)

### Cash

Item Type	Income	Expenditures	Net (Loss)	Bal	ance
Balance on Jan 1, 2017				\$	525.00
Difference				\$	(425.00)
Balance on Jan 1, 2018				\$	100.00

Mavis Johnson Scholarship

Item Type	Income	E	penditures	Net (Loss)	Balance
Balance on Jan 1, 2017					\$ 7,003.84
Interest	\$ 3.53			\$ 3.53	
2017 CALENDAR YEAR TOTAL	\$ 3.53	\$	-	\$ 3.53	
Balance on Jan 1, 2017					\$ 7,007.37

**USD Savings Account** 

ob oavings Account								
Item Type	In	come	e Expenditures		(Loss)	Balance		
Balance on January 1, 2017						\$	3,047.21	
Conversion to CAD in Chequing Account								
Cheque from ITE International								
USD Interest	\$	1.30		\$	1.30			
2017 CALENDAR YEAR TOTAL	\$	1.30 \$	-	\$	1.30			
Balance on Jan 1 2017						\$	3.048.51	

### Total Assets

Account Type		Balance
CAD Chequing Account		\$ 10,234.68
PayPal Account		\$ -
Cash		\$ 100.00
Mavis Johnson Scholarship		\$ 7,007.37
USD Savings Account		\$ 3,810.64
	TOTAL ASSETS (CAD)	\$ 21 152 69

\*Note 1

FX Rates

\* Note 1: Funds in USD Account converted at January 17th, 2018 exchange rate of



## APPENDIX B: 2017 BC INTERIOR CHAPTER ANNUAL REPORT



## APPENDIX C: 2017 UBC STUDENT CHAPTER ANNUAL REPORT



## APPENDIX D: 2017 UBCO STUDENT CHAPTER ANNUAL REPORT