



Western University CGS Student Chapter

January 28, 2020



Introduction to Session

- Welcome
- Purpose of the Session
- Speakers & Affiliations

Ahmed Fouad Hussein, CGS Student Chapter

Dr. Vincent Castonguay, Canadian Geotechnical Society national

Dr. Tim Newson, Geotechnical Research Center, ISSMGE

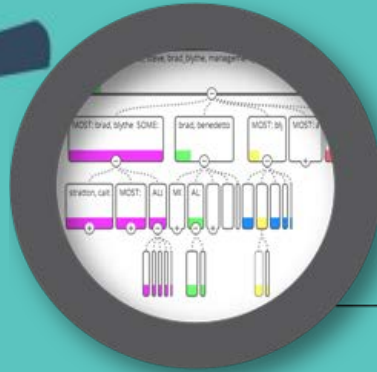
- Q and A



January 28, 2021

Today's Agenda

- **CGS Chapter Overview**
- **Executive Committee**
- **Chapter Activities**
- **Engagement and Volunteering**



overview

- The undergraduate studies focus on a very wide variety of courses across different fields
- Share the responsibility to spreading awareness of the Geotechnical Engineering field among both undergraduate and graduate students .
- The discussion among graduate students will create social and academic benefits
- Various industrial and academic opportunities.

Seminars

Dr. Storer Boone

Presentation Title: **CONTROLLING SETTLEMENT AND SINKHOLE RISKS
DURING TUNNELLING AND MICROTUNNELLING.**

Date: **Feb 25,2021**



Storer Boone, PhD., P.Eng., is a Principal and Geotechnical Group Leader with more than 30 years of tunneling experience. His research, design, construction and forensic work has focused on soft-ground tunneling and deep excavations, risk analysis and subsurface risk management. His experience includes large civil and underground highway and transit projects procured using design-build and traditional approaches.

Seminars

Dr. Sean D. H Hinchberger

Presentation Title: Managing Risk During Tailing Disposal

Date: Apr 29,2021



Sean D. Hinchberger, Ph.D., P.Eng., is General Manager Tulloch Engineering. He has over 25-yrs experience as a consulting geotechnical engineer in the Mining, Energy and Infrastructure Sectors. He has participated in over 75 engineering projects in Canada and Internationally specializing in geotechnical engineering, soft clay engineering, tunnels and shafts, and large embankment dams.

Workshop & Competitions



Canadian Geotechnical Society 2020 Student Competitions

Graduate Student Presentation Award

- **Submission** – 15 minute (max) presentation recorded before a live technical audience, followed by a question-and-answer period. The video should be submitted in mp4 format and recordings must be viewable on a personal computer. The video submissions can be made via Dropbox or mailed in on a USB stick.
- **Evaluation** - geotechnical content and interest (60%), oral and visual quality of presentation (30%), and performance during the question-and-answer period (10%).
- **1st Place Award** - \$1,250 honorarium and a certificate, one-year membership in CGS, free conference registration, and an opportunity to present at the Annual Conference (**GeoCalgary 2020**)
- **2nd Place Award** - \$750 honorarium and a certificate, one-year membership in CGS and free conference registration.

Undergraduate Report Award (Individual)

- **Submission** – Written report (e.g., Undergraduate Thesis, Term Project, Summer Work Report, etc.) generated by a single undergraduate student. Submissions are accepted in electronic format.
- **1st Place Award** - \$1000 honorarium and a certificate, one-year membership in CGS, and free conference registration.
- **2nd Place Award** - \$750 honorarium and a certificate, one-year membership in CGS, and free conference registration.
- **Maximum of one nomination** per academic unit of each university (see the rules for definition of "academic unit").



GeoCalgary
2020

Undergraduate Report Award (Group)

- **Submission** – Based on a written report (e.g., Group Research Report, Term Project, etc.) generated by a group of undergraduate students. Submissions are accepted in electronic format.
- **1st Place Award** - \$700 per individual (up to a maximum of \$2,800) and certificates, one-year membership in CGS, and free conference registration for each student.
- **2nd Place Award** - \$400 per individual (up to a maximum of \$1,600) and certificates, one-year membership in CGS, and free conference registration for each student.
- **Maximum of one nomination** per academic unit of each university

Honoraria sponsored by the
**Canadian Foundation for
Geotechnique**



Rules and Submissions

**Deadline for
All Entries
15 May 2020**

Submissions must be made in accordance with the rules. Please include **the cover page** and a **headshot of each entrant** (each member of the undergraduate group submission must submit).

Please send submissions to:

François Duhaime
2020 Student Competition Chair
École de technologie supérieure
Construction Engineering

Electronic Submissions:
francois.duhaime@etsmtl.ca

Mailing Address:
École de technologie supérieure
1100 Notre-Dame Ouest
Montreal (QC) H3C 1K3
CANADA

Field Tours

- **Visits to working sites & geotechnical engineering projects**
- **this will offer a chance to meet geotechnical engineers and other professionals**
- **Depending on COVID-19 development in 2021, this may not be possible, but we will definitely proceed with this activity in the future**



Job fairs

- Linking students with industry.
- Provide access companies and other GRC corporate sponsors
- March 25, Panel format with 3-4 specialist from different sectors (you can send us your question to be included).

executive committee



Faculty Coordinator : Tim Newson

- Associate Professor
- Vice President North America, ISSMGE,
- Director, Western Geotechnical Centrifuge Facility,
- Director, Geotechnical Research Centre



President: Ahmed Fouad Hussein

- Ph.D. Candidate, Geotechnical Engineering, Western University, Canada.
- **Geotechnical Engineer**, Geotechnics, Alexandria, Egypt (2016-2019)



Vice-President: Jiahao Wang

- **Ph.D. student** Geotechnical Engineering, Western University, Canada.



Secretary: Shayan Hashemi

- **Ph.D. student**, Geotechnical Engineering, Western University, Canada.
- **Geotechnical Engineer**, Permayon Adv Strengthening (2013-2016)





VOLUNTEER

Western CGS Student Chapter

Website

<https://www.eng.uwo.ca/grc/people/cgs-student-chapter.html>

Email Address

cgs-student-chapter@uwo.ca

ANY
QUESTIONS?



Vincent Castonguay, PhD.

Research scientist at
GEOSLOPE International

Young Professional
Representative

