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
Today's Agenda

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

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<tr>
<th>Graduate Student Presentation Award</th>
<th>Undergraduate Report Award (Individual)</th>
<th>Undergraduate Report Award (Group)</th>
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<tr>
<td>• 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.</td>
<td>• 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.</td>
<td>• 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.</td>
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<td>• Evaluation – geotechnical content and interest (40%), oral and visual quality of presentation (30%), and performance during the question-and-answer period (30%).</td>
<td>• 1st Place Award - $1000 honorarium and a certificate, one-year membership in CGS, and free conference registration.</td>
<td>• 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.</td>
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<td>• 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)</td>
<td>• 2nd Place Award - $750 honorarium and a certificate, one-year membership in CGS, and free conference registration.</td>
<td>• 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.</td>
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<td>• 2nd Place Award - $750 honorarium and a certificate, one-year membership in CGS and free conference registration.</td>
<td>• Maximum of one nomination per academic unit of each university (see the rules for definition of &quot;academic unit&quot;).</td>
<td>• Maximum of one nomination per academic unit of each university</td>
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### 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 Duhaine
2020 Student Competition Chair
École de technologie supérieure Construction Engineering
Electronic Submissions: francois.duhaine@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)
Western CGS Student Chapter

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

Email Address
cgs-student-chapter@uwo.ca
Vincent Castonguay, PhD.
Research scientist at GEOSLOPE International
Young Professional Representative