



**Canadian Geotechnical Society**  
**Société canadienne de géotechnique**

**Committee Report**

2015 Annual Report

**July 1, 2014 to June 30, 2015**

**Section 1: General**

Name of CGS Committee: CGS Education Committee

Date of report: June 30, 2015

Prepared by: Jinyuan Liu

Committee Chair: Jinyuan Liu

End of Term of Chair: Greg Siemens

CGS website address: [http://www.cgs.ca/committee\\_education.php?lang=en](http://www.cgs.ca/committee_education.php?lang=en)

Last time your Committee's CGS website was updated: January 31, 2015

If the Section has a separate website please provide address: No

Is there a link to the CGS website?: N/A

**Section 2: Executive members and their employers or, if students, universities - what should be published on the CGS website**

Chair: Jinyuan Liu, Ryerson University

Past Chair: Greg Siemens, Royal Military College of Canada

Other Members: Sumi Siddiqua, Administrator Student Competitions, UBC- Okanagan

Paul Simms – Chair CFG Fellowship Selection, Carleton University

Ariane Locat, Laval University

Nicholas Vlachopoulos, Royal Military College of Canada

Tareq Salloum, Ontario Power Generation

**Section 3: Number of members**

Executive members: 7

**Section 4: Committee is affiliated with which other organizations**

National affiliates (e.g. CIM for the Mining Geotechnique Committee) and names of CGS representatives (list): N/A

North American affiliates and names of CGS representatives (list): N/A

International affiliates (e.g. ISSMGE TC306 for the Education Committee) and names of CGS representatives (list): N/A

**Section 5. Finances**

As of (June 30, 2015)

Balance: \$\$18,622.24

(as per information provided by Dharma Wijewickreme, VP Finance, CGS)

**Section 6. Annual Conference / Board of Directors Meeting**

Are you planning to attend the GéoQuébec 2015 conference? Yes

Do you have any specific questions or issues that you would like to suggest for the BOD meeting agenda? No

**Section 7. Activities**

**List of Activities**

- **CGS Student Competition**

**2015 Competition:**

A total of 13 submissions were received including: 7 Graduate Presentations, 4 Undergraduate Group Reports and 2 Undergraduate Individual Reports.

**The 2015 CGS Student Competition winners were:**

**Undergraduate Report Award (Individual)**

Rank	Name of Student	University	Department	Title of Report
1.	Helena Diao	University of Waterloo	Civil & Environmental Engineering	Evaluating methods for assessing rotational stability of surface rock wedges
2.	Brian Wazney	University of Manitoba	Civil Engineering	Review and application of limit states design (LSD) for Winnipeg riverbanks

**Undergraduate Report Award (Group)**

Rank	Name of Students	University	Department	Title of Report
1.	Kate Briscoe, Kate Thompson, Gordon Goode, Kirandeep Dhillon	Queen's University	Civil Engineering	Tailings management facility design final report
2.	Gavin Black, Savanna Herman, Shammai Ugalino, Aron Zahradka	University of British Columbia (Vancouver)	Earth, Ocean & Atmospheric Science	Tunnel versus rock cut design option analysis

**Graduate Student Presentation Award**

Rank	Name of Student(s)	University	Department	Title of Presentation
1.	Amy Rentz	Queen's University	Civil Engineering	Field performance of exposed geosynthetic composite liner systems: Down-slope bentonite erosion from a geosynthetic clay liner (GCL)
2.	Eliza Rozina	Carlton University	Civil and Environmental Engineering	Dewatering in laboratory simulation of a multilayer deposit of in-line flocculated mature fine tailings

(as per information provided by Sumi Siddiqua, 2013 to 2015 Administrator of the Student Competitions)

- **5th cYGECC**

**Conference Overview:** The conference will be held between October 07-09, 2016 in Whistler, BC, following the Canadian Geotechnical Conference, which will be held in Vancouver. The conference organizing committee, organized under the auspices of the Education Committee of the Canadian Geotechnical Society (CGS), involves the participation of 10 young engineers from private practice and universities from all across Canada. The list of Organizing Committee members is as follow:

Name	Position	Affiliation
Julian McGreevy	Chair	BGC Engineering Inc.

Maraika De Groot	Co-Chair	BGC Engineering Inc.
Jenna Bowling	Treasurer	Golder Associates
Doyin Adesokan	Position to be determined.	University of Saskatchewan
Vincent Castonguay	Position to be determined.	Université Laval
Meredith Kealty	Position to be determined.	Klohn Crippen Berger
Carie-Ann Lau	Position to be determined.	Simon Fraser University
Shuihan Li	Position to be determined.	Ryerson University
Erik Stevenson	Position to be determined.	Thurber Engineering Ltd.
Rebecca Turley	Position to be determined.	BGC Engineering Inc.

**Financial Overview:** The conference is at the early stages of planning and a budget is currently in the process of being prepared. A financial update will be provided to the CGS once the budget has been prepared.

**Conference Overview:** The 5<sup>th</sup> cYGEHC will seek to provide a welcoming venue for young geotechnical engineers and geoscientists to network and to share their technical experience with their peers. The conference will further seek to support the development of young engineers and geoscientists in Canada by providing opportunities for young engineers and geoscientists to:

- Prepare and present technical presentations,
- Learn from keynote speeches by senior engineers and geoscientists, and to
- Visit geotechnical and geoscience projects local to Vancouver during the technical tour.

The 5<sup>th</sup> cYGEHC conference organizing committee will be working to build off of the successes of the 4<sup>th</sup> cYGEHC conference held in 2013. Towards this goal the conference committee aims to increase the conference attendance to greater than the 30 young engineers and geoscientists who attended the 4<sup>th</sup> cYGEHC.

(as per information provided by Julian McGreevy, 5<sup>th</sup> cYGEHC Chair).

- **Canadian Foundation for Geotechnique National Graduate Scholarship**

The Canadian Foundation for Geotechnique National Graduate Scholarship, valued at C\$5,000, was established by the Canadian Foundation for Geotechnique in 2007 on the occasion of the 60<sup>th</sup> Canadian Geotechnical Conference. CGS Education Committee is administering the scholarship.

**2015 Scholarship:** There were 8 strong candidates, including 6 PhD candidates. The selection committee this year was Paul Simms ( Carleton), Murray Grabinsky (University of Toronto), Mamadou Fall (Universite d'Ottawa), David Elwood (University of Saskatchewan), and Rodney Mcaffee (C-Core, Saint-John's Newfoundland). The committee's recommendation was passed to CFG President Dennis Becker on June 26<sup>th</sup>.

(as per information provided by Paul Simms, Chair, CFG Fellowship Selection Committee).

- **GeoJeopardy**

Following the successful Geo-Jeopardy event sponsored by Golder Associates the committee at the Pan-Am Conference in 2011 and three following events held in GeoWinnipeg, GeoMontreal, and GeoRegina. The committee is confirmed that the sponsor will continue this event for the conference in Quebec.

- **Young Geotechnical Engineers Socials\_GeoQuebec 2015**

The committee is considering sponsoring social events of young geotechnical engineers and students during GeoQuebec 2015 conference. The venue and details are being finalized by Ariane Locat and Vincent Castonguay.

There are two planned activities for students and young professionals: the “Post Ice Breaker” and the “Old Québec Gathering”. The two activities will be opportunities for young geotechnical engineers to gather, share experiences and network.

**Post Ice Breaker:** It is planned that the Post Ice Breaker is going to be held after the Ice Breaker (Sunday night, September 20th 2015). The GeoQuebec Ice Breaker lasts from 5:00 to 7:30 pm and the Post Ice Breaker is scheduled to begin half an hour after the end of the Ice Breaker (at 8:00 pm). It is proposed to hold the event at L’Inox, a pub situated five minutes’ walk from the conference hotel. There is a mezzanine on the pub’s second floor that will be reserved for the event (60 people capacity). A beer (or equivalent) and a European hot-dog will probably be offered to every participant.

**Old Québec Gathering:** The Old Québec Gathering is planned to be held on Monday, September 21<sup>st</sup> 2015, during the CGS annual Banquet. The activity targets students who are not invited to the Banquet (thus the majority of them). It is planned that three different bars/pubs located on Saint-Jean Street will be visited. The evening will probably begin at 7:30 pm at Le Sacrilège, then continues at 8:45 pm at the Pub Nelligan’s. The last stop will be at La Ninkasi du Faubourg around 10:00 pm. Throughout the night, two beers (or equivalent) will probably be offered to each participant. All the bars planned to be visited are situated at a reasonable walking distance from the conference hotel.

Budget for these events is as follows:

	<b>Pessimist</b>	<b>Average</b>	<b>Optimist</b>
<b>Post Ice Breaker</b>			
Nb. of persons	15	30	50
Price per beverage	\$5	\$5	\$5
Nb. of beverages paid/person	1	1	1
Cost per European hot dog	\$7.50	\$7.50	\$7.50
Nb. of hot dogs paid/person	1	1	1
Sub total	\$187.5	\$375	\$625
Tax and gratuity	\$38	\$75	\$125
Total	\$225.50	\$450	\$750
<b>Old Quebec Gathering</b>			
Nb. of persons	15	30	50
Price per beverage	\$5	\$5	\$5
Nb. of beverages paid/person	2	2	2
Sub total	\$150	\$300	\$500
Tax and gratuity	\$30	\$60	\$100
Total	\$180	\$360	\$600
<b>TOTAL</b>	<b>\$405.50</b>	<b>\$810.00</b>	<b>\$1350.00</b>

- **Webpage**

The committee webpage was set-up in January 2015.

**Section 8. Additional information or comments**

N/A