

**2018
Student
Awards Luncheon
Dîner des prix
Étudiants**



Canadian Society for
Civil Engineering



Société canadienne
de génie civil



MESSAGE FROM THE STUDENT AFFAIRS COMMITTEE



Charles-Darwin Annan, PhD, P.Eng., MCSCE

Chair, CSCE Student Affairs Committee

One of CSCE's three Strategic Direction is '**Growing with the Youth**'. In the last five years, the Student Affairs Committee has supported this strategic direction by developing new programs and benefits to support students and help stimulate early professional consciousness. We have increased student participation in CSCE national programs and regional activities, and recorded some significant success. We owe this success to the hard work of our Student Chapters across the country and the contribution of our Faculty and Practitioner Advisors.

CSCE membership is FREE for all student members. Recent graduates can also enjoy free CSCE associate membership for the months following their graduation until the end of the graduation year. We continue to improve the process for our online student membership registration, and we will welcome your feedback. We also sent out CSCE SWAG packages (stickers, pens, rulers, highlighters) to individual Student Chapters to help kick off the 2017/2018 school year. We encourage you to update us with your current mailing address and contact information so that your Chapter would not miss out.

Student competitions are a great way for students to challenge themselves and apply their knowledge to projects outside the classroom. We are proud to continue to provide support to the various student competitions around the country to provide opportunities to suit different interests and ambitions. Consult the Student Affairs website for more info. And get involved in your CSCE Student Chapter today and let's work together to make CSCE student membership a rewarding experience.

CSCE CANADIAN NATIONAL CONCRETE CANOE COMPETITION



The first Canadian National Concrete Canoe Competition (CNCCC) took place in 1994 and has been going strong ever since. It is modeled after the annual concrete canoe competition organized by the American Society of Civil Engineers and is held annually in early May. The competition consists of design presentations, races, and social events, and offers the opportunity to students to apply their engineering concepts and theories.

This year's event took place at the University of Waterloo in Waterloo, Ontario. 16 teams from across the country competed in the competition, and although all the teams deserve great applause, there was only one winner.

CONGRATULATIONS TO THE 2018 WINNERS ÉCOLE DE TECHNOLOGIE SUPÉRIEURE (ÉTS)



CSCE-CISC CANADIAN NATIONAL STEEL BRIDGE COMPETITION



This year marks the 3rd Canadian National Steel Bridge Competition co-organized by the Canadian Society for Civil Engineers and the Canadian Institute of Steel Construction. It is modeled after the National student steel bridge competition co-organized by the American Institute of Steel Construction and the American Society of Civil Engineers. The teams design a steel bridge by themselves and then build it in a timed competition.

This year's event took place at the University of Waterloo in Waterloo, Ontario. Eight teams from across the country competed.

CONGRATULATIONS TO THE 2018 WINNERS ÉCOLE DE TECHNOLOGIE SUPÉRIEURE (ÉTS)



CSCE NATIONAL CAPSTONE DESIGN COMPETITION

The CSCE National Capstone Design Competition began in 2013 as a way for senior undergraduate students to showcase their final year, or CAPSTONE, project. The CAPSTONE project is the cornerstone of many accredited civil engineering programs in Canada. Each civil engineering program in Canada is invited to submit a nomination for a single entry into the competition in any specialty area. Two students from each nominated team are expected to attend the annual CSCE conference to present their project in a poster session before a panel of seasoned practitioners as judges. The winner and runners-up are announced at the Student Awards Luncheon.

Teams participating in the 2018 National Capstone Design Competition:

1. Ryerson University; Design Alternatives for Bus Stops on Toronto Streets with Cycle Tracks.
2. University of New Brunswick; St. Martins Covered Bridges Design
3. University of Ottawa; Vancouver Island Tsunami Protection Design
4. Queen's University; Transit Expansion Project, Geotechnical Design Report
5. University of Manitoba; Preliminary Design for Brandon Municipal Airport: New Maintenance Garage, Apron Expansion & Infrastructure Renewals
6. University of Saskatchewan; Prince Albert National Park – Lost Creek Drainage Improvements
7. Université de Sherbrooke; Restauration du Lac Waterloo par Aires de Bioretention
8. University of Alberta; 3 Storey Commercial Office Building with an Underground Parkade
9. Université de Moncton; Conception des réseaux d'aqueduc et des égouts pour un terrain à usage commercial situé dans la Ville de Shediac
10. University of Waterloo; Design of Commerce Court West Retrofit
11. Western University; South of Horton Pedestrian Bridge
12. Carleton University; Tall Engineered Timber Hybrid Building
13. UBC Okanagan; Pandosy complete street design
14. McGill University; Redesign of the Thunder Bay Expressway
15. University of Toronto; Planning Today – Developing Tomorrow: Highway 401/407/413 Interchange
16. Dalhousie University; Structural Design of a New Community Center
17. Memorial University of NF; Tors Cove Bridge Replacement



2017 National CAPSTONE Design Competition Participants

PRESIDENT`S AWARD FOR THE BEST STUDENT CHAPTER

The President's Award is intended to recognize the most dynamic CSCE Student Chapters in Canada. The Student Affairs committee evaluates Annual Report Submissions and the winners are chosen based on chapter goals, membership recruitment, professional activities and special events, participation and student engagement, and financial health.

This year, 25 student chapters across Canada submitted their annual reports and applications for the President's Award. The Student Affairs committee was very impressed by the accomplishments and professionalism of the chapters and decided to recognize the top three chapters, and four honourable mentions for significant improvement and consistent performance.

CONGRATULATIONS TO THE 2018 WINNERS

FIRST PLACE

University of British Columbia, Vancouver, BC



SECOND PLACE

**Western University,
London, Ontario**



THIRD PLACE

**British Columbia Institute of
Technology, Burnaby, BC**



HONOURABLE MENTION

Consistent Performance:

University of Waterloo, Waterloo, ON

Consistent Performance:

University of New Brunswick, Fredericton, NB

Significant Improvement:

Concordia University, Montreal, QC

Significant Improvement:

Université Laval, Québec City, QC

FACULTY ADVISOR CERTIFICATE OF COMMENDATION

Mr. Martin Bollo,

British Columbia Institute of Technology, Burnaby, BC

CSCE STUDENT PAPER COMPETITION

The CSCE Student Paper Competition is held every year at the CSCE Annual Conference to recognize excellence in student research papers and presentations.

The 2018 competition received 95 entries, out of which 29 were shortlisted to present their papers at the CSCE annual conference in Fredericton, NB. The winners for each of the following specialty and general conference categories will be announced at the Student Awards Luncheon and posted on the CSCE website.

16th International Environmental Specialty

6th International Structural Specialty

12th International Transportation Specialty

7th International Materials Specialty

6th International Disaster Mitigation Specialty

CSCE General Conference

CANADIAN NATIONAL CONCRETE CANOE COMPETITION

2017	École Polytechnique de Montréal
2016	École de technologie supérieure
2015	Université Laval
2014	Université Laval
2013	Université de Sherbrooke
2012	Université Laval
2011	Université Laval
2010	École de technologie supérieure
2009	École de technologie supérieure
2008	École de technologie supérieure
2007	Université de Sherbrooke
2006	Université de Sherbrooke
2005	Université Laval
2004	Université Laval
2003	Université Laval
2002	Université Laval
2001	Université Laval
2000	Université Laval
1999	École de technologie supérieure
1998	University of Toronto
1997	Université Laval
1996	Université Laval

CSCE-CISC CANADIAN NATIONAL STEEL BRIDGE COMPETITION

2017	École de technologie supérieure
2016	École de technologie supérieure

CSCE HYDROTECHNICAL ENGINEERING AWARD

2016	Bryan Adam, Marriner, University of Alberta
2015	James Bomhof, University of Ottawa
2014	Peter John Thompson, University of Waterloo
2013	Philippe St-Germain, University of Ottawa
2013	Sandra Proulx-McInnis, Université of Québec
2012	Abdullah Al Mamun, University of British Columbia
2011	Michael Wagner, University of Alberta
2010	Audrey Roy-Poirier, Queen's University
2009	Adam Auckland, University of Ottawa
2008	Bishnu Gautam, University of Saskatchewan
2007	Shoham Ahmad, University of Western Ontario
2006	Vernon Brown, Queen's University
2005	Twyla Hutchison, University of Alberta
2004	Aurelie Goater, University of British Columbia
2003	Veronique M. Morin, University of Alberta

CSCE NATIONAL CAPSTONE DESIGN COMPETITION

2017	University of Waterloo
2016	Carleton University
2015	École Polytechnique
2014	Université de Sherbrooke
2013	Carleton University

CSCE STUDENT PAPER COMPETITION

2017	Udai Hassein, Ryerson University (General Conference Category)
2016	Mohammad Moravvej
2015	Nathan Bruce
2014	Magdy Ibrahim, Concordia University
2013	Taohiq Al-Faesly, University of Ottawa

PRESIDENT'S AWARD FOR THE BEST STUDENT CHAPTER

2016-17	British Columbia Institute of Technology AND University of Waterloo
2015-16	British Columbia Institute of Technology
2014-15	University of British Columbia, Vancouver
2013-14	Western University AND British Columbia Institute of Technology
2012-13	University of Western Ontario
2011-12	University of Western Ontario
2010-11	British Columbia Institute of Technology
2009-10	University of Western Ontario

2007-08	Université Laval
2006-07	Université Laval
2005-06	Université Laval
2004-05	Université Laval
2003-04	Université Laval
2002-03	Université Laval
2001-02	University of New Brunswick
2000-01	École de technologie supérieure
1999-00	University of Western Ontario
1998-99	University of New Brunswick
1997-98	University of New Brunswick
1996-97	Lakehead University
1995-96	Université de Sherbrooke
1994-95	University of Western Ontario
1993-94	University of Toronto
1992-93	Université de Sherbrooke
1991-92	École Polytechnique
1990-91	McGill University
1989-90	Université de Sherbrooke
1988-89	University of Calgary & Université Laval
1987-88	University of Calgary
1986-87	Lakehead University
1985-86	University of Toronto
1984-85	Université Laval
1983-84	Lakehead University
1982-83	McGill University

GREAT NORTHERN CONCRETE TOBOGGAN RACE

2017	Queens University
2016	Western University
2015	University of Calgary
2014	University of Alberta
2013	Western University
2012	Ryerson University
2011	University of Calgary
2010	University of Alberta
2009	University of Manitoba
2008	University of Waterloo
2007	Université de Sherbrooke
2006	Royal Military College of Canada
2005	Carleton University
2004	University of Calgary
2003	University of Manitoba
2002	University of Waterloo
2001	University of British Columbia
2000	University of Calgary
1999	University of Manitoba
1998	University of Waterloo
1997	University of Waterloo
1996	École Polytechnique de Montréal
1995	University of Waterloo
1994	Universität Stuttgart
1993	University of Alberta
1992	Université de Sherbrooke
1991	École de technologie supérieure
1990	École Polytechnique de Montréal
1989	University of Calgary
1988	University of British Columbia
1987	University of British Columbia
1986	Southern Alberta Institute of Technology
1977	University of British Columbia
1975	Southern Alberta Institute of Technology

TROITSKY BRIDGE BUILDING COMPETITION

2017	McMaster University
2016	McMaster University
2015	Cégep de Chicoutimi
2014	Cégep de Chicoutimi
2013	Cégep de Chicoutimi