



ACI SHERBROOKE SECTION ETUDIANTE



By: Dima Youness, Ph.D. Candidate, General Secretary of ACI Sherbrooke Student Chapter

ACI Student Forum, ACI Convention, October 20-24, 2019, Cincinnati, OH, USA

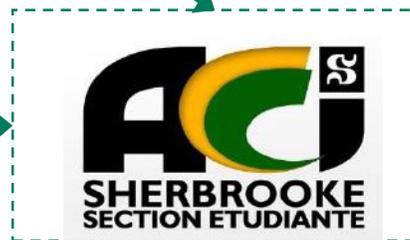
STON ETUDIANTE/STUDENT CHAPTER, 15/01/2019

Introduction



American Concrete Institute

Always advancing



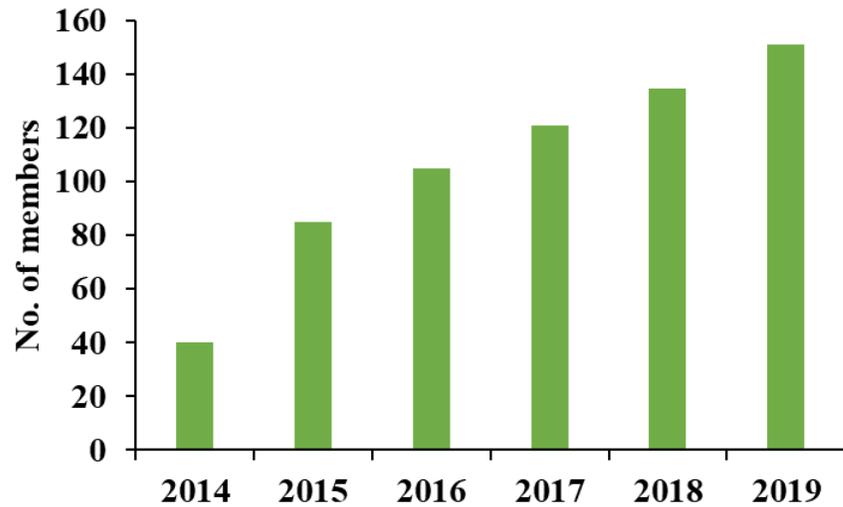
ACI Sherbrooke is a student chapter of the American Concrete Institute (ACI) at the University of Sherbrooke.

Objectives of the Student chapter

1. To encourage exchanges between students and professionals
2. To participate in promoting the Université de Sherbrooke
3. To promote the visibility of the research in the field of concrete structures and cementitious materials

Membership

Overall membership



In full growth
More than 150 members:

43% Bachelor
21% M.Sc.,
25% Ph.D.,
11% others

Executive Board



- President,
- Treasurer,
- General Secretary,
- Communication VP,
- Undergrad rep.,
- Research group rep.

Activities

Technical and educational presentations

Invited speakers from different communities: Other universities, industry, consultants, designing.

Technical visits

Construction sites, industrial concrete projects, and cement and concrete plants.

Competitions

Student competitions for graduate and undergrad students such as: Eco concrete, quad chart, and photography.

ACI Conventions

Organizing trips for students to participate in ACI competitions and talk about their research projects



CONFERENCE



PERFORMANCE OF FIBER REINFORCED MATERIAL FROM MACRO TO NANOFIBERS

PAR
SURENDRA SHAH
B.E., M.S., PH.D
Professeur Émérite en génie civil,
Université de Northwestern, Illinois, États-Unis
Professeur de distinction présidentielle
Université du Texas à Arlington, États-Unis

JEUDI 20 JUN 2019
DE 14H30 À 15H30
C2-1001



EcoConcrete StuAnaheimdent Competition (1st ed. at 2017)

Developed by ACI Sherbrooke
A two-year project and collaboration of
19 students



- To develop an innovative concrete mixture, with the lowest environmental impacts while maintaining maximum mechanical and durability performance.
- To seek out and use local sources of concrete materials

ACI Conventions Quebec city W2019



- ACI Sherbrooke delegation consisted of 13 students.
- 1 student judge for eco-concrete competition
- 1 student evaluator for mortar workability competition

Kansas City Winter 2015,
Detroit Winter 2017,
Las Vegas 2018

Student competitions

And this time Cincinnati 2019!

At the ACI convention undergraduate students and members of Sherbrooke chapter participated in the student competition,

FRP Composite Competition

One of the teams from the Université de Sherbrooke delegation finished 6th out of a total of 11 teams.



Proud of Our Glass-Concrete Plates!

With the aim to thank the companies who hired students for their internship, the university decided to offer a gift which represent the university of Sherbrooke. We contribute in this project by producing glass concrete plates incorporating nano-cellulose fibers.

All the team participated in this project and the results were just amazing.





Thank you for your attention and see you in Chicago 2020!



Our sponsors


UNIVERSITÉ DE SHERBROOKE
 Faculté de Génie - Département de génie civil et de génie du bâtiment

