

University of Toronto
Troitsky
Bridge Design
Sponsorship
Package 2020





01 ABOUT US

ABOUT TROITSKY

Troitsky is an annual bridge building competition hosted by the Civil and Environmental Engineering faculty at Concordia University since 1984.

The UofT Troitsky Bridge Design Team was established in 2017 by a group of enthusiastic undergraduate civil engineering students who were passionate about structural engineering and the importance of it in real life. They had a vision of creating a club where undergraduate civil engineering students could apply what they have learned to a hands-on project.

This year, six competitive teams will be representing the University of Toronto at the competition in Montreal on February 28, 2020.



OUR GOALS

Our goal is for students to walk out of the competition with useful experience which would give them insight on large scale structural engineering and construction projects in real life.

2020 marks the fourth consecutive year that UofT will be participating in this competition. Last year, we had a team place in the top 10 and we hope for all teams to achieve great results this year.



TROITSKY 2020

2020 is our biggest year yet. We have grown from 3 teams participating in the event to the max capacity of 6 teams total! Our endless efforts and successes from last year's competition have led to a massive increase of interest in Troitsky among students. We hope to achieve even greater results this year and hope to see the competition grow to an even larger scale!





02 DESIGN PHASES

PHASE ONE: DESIGN AND PREPARATION

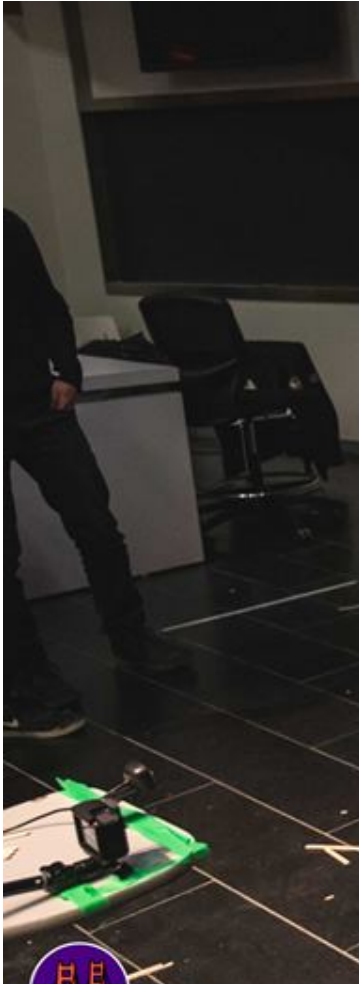
Teams will be preparing for building season by designing, prototyping and iterating a bridge through AutoCAD, SketchUp and SAP2000. This is an intensive process that allows students to collaborate together to apply what they've learned in class to bridge design and engineering.

PHASE TWO: CONSTRUCTION

After designs are completed, they are implemented through a long period of construction. Students initially plan their construction period and create quantity takeoffs. They then use power tools, machinery, cutting workshops, and construction techniques to construct final pieces of their bridges to bring and finally put together at the competition.

PHASE THREE: COMPETITION

Students travel to Concordia University in Montreal where the competition takes place over the course of three days. Construction is completed during three hours of the competition and bridges are presented to panels of qualified industry professionals. Bridges are then analyzed for constraint measurements and tested via a hydraulic press and a moving load until failure.



The background image shows a workshop or classroom setting. In the foreground, several wooden bridge models are displayed on a long table. These models are constructed from light-colored wood and feature various structural elements like arches and trusses. Some models have circular cutouts. In the background, people are working at tables, and a large window provides natural light. A semi-transparent white box is overlaid on the right side of the image, containing the text '03 SPONSORSHIP'.

03 SPONSORSHIP

WHY BECOME A SPONSOR?



Create, develop, and enhance your credibility as a dependable and supportive figure in the engineering community



Get involved with U of T's engineering community sparking positive publicity and gain an audience that will be drawn to you



Gain exposure through social media and university-wide advertising



Increase new sales and gain customers who are ready to take on opportunities to try new products, services, and promotions

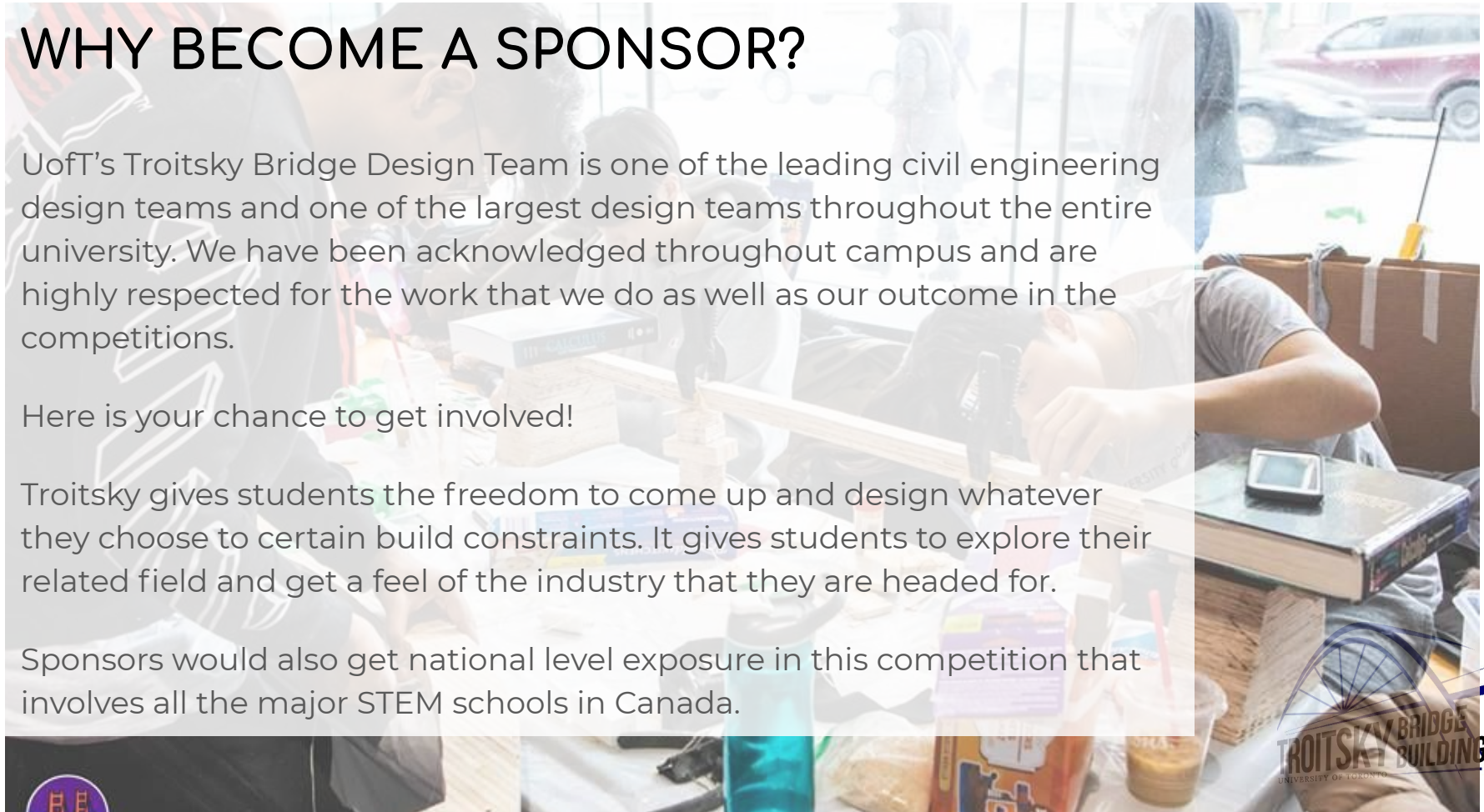
WHY BECOME A SPONSOR?

UofT's Troitsky Bridge Design Team is one of the leading civil engineering design teams and one of the largest design teams throughout the entire university. We have been acknowledged throughout campus and are highly respected for the work that we do as well as our outcome in the competitions.

Here is your chance to get involved!

Troitsky gives students the freedom to come up and design whatever they choose to certain build constraints. It gives students to explore their related field and get a feel of the industry that they are headed for.

Sponsors would also get national level exposure in this competition that involves all the major STEM schools in Canada.



SPONSORSHIP TIERS



Bronze Tier: \$250+

- ❑ Small sized company logo on team merchandise worn by all club members at the competition
- ❑ Company name and logo featured in team social media posts and team website



Silver Tier: \$500+

- ❑ Medium sized company logo on merchandise worn by all club members at competition
- ❑ Company name and logo on School banner
- ❑ Everything offered to bronze tier

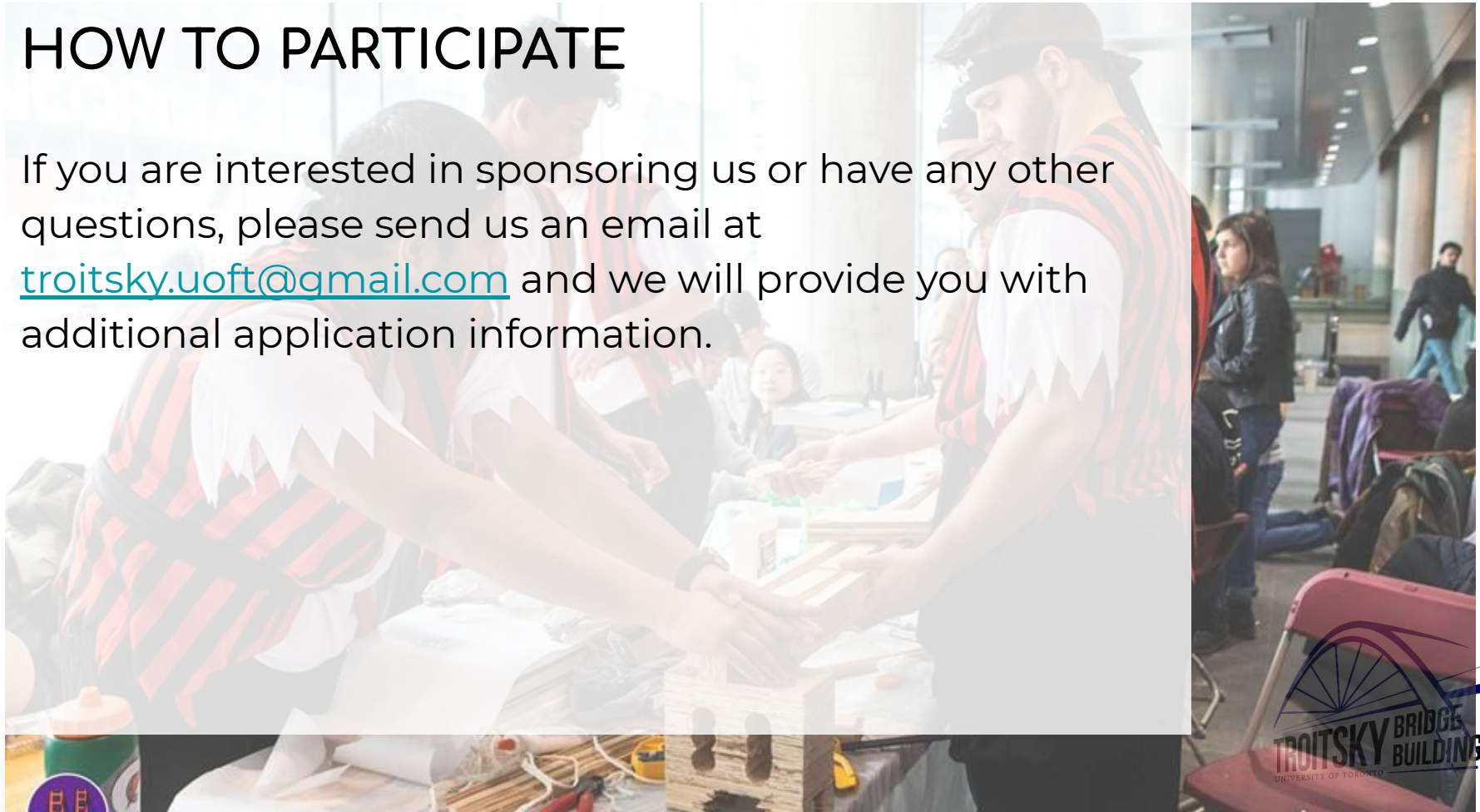


Gold Tier: \$1000+

- ❑ Large company logo on team merchandise worn by all club members at the competition
- ❑ Dedicated sponsorship posts on team social media and website
- ❑ Everything offered to silver tier

HOW TO PARTICIPATE

If you are interested in sponsoring us or have any other questions, please send us an email at troitsky.uoft@gmail.com and we will provide you with additional application information.





CONTACT US

If you are interested in becoming a sponsor, please email us at: troitsky.uoft@gmail.com

You can also find us on:



University of Toronto's Troitsky
Bridge Building Club



troitsky.skule.ca



@Troitskyuoft

