



### THE RACE

Five members from each team board their toboggan and push off down the hill to earn coveted awards including fastest toboggan, and shortest braking distance.

### THE TECHNICAL EXPOSITION

Each team creates a booth showcasing the important design elements of their toboggan, and the phases of work that were required to bring the team from race dreams to race day. A panel of professionals then reward teams for research and innovation in areas including concrete mix design, and braking system design.

### THE SPIRIT

Teams are encouraged to display their positive spirit through the competition by developing a theme for their team, complete with uniforms, slogans, and cheers. Teams that exemplify a friendly and outgoing attitude will grab 'Spirit Judges' attention.



## Great Northern Concrete Toboggan

*2009 University of Waterloo Team*

Since its origin in 1974, the Great Northern Concrete Toboggan Race (GNCTR) has proven to be an exciting way for thousands of engineering students to exhibit their technical knowledge and ingenuity outside of the classroom. Teams of undergraduate engineering students from universities across Canada design, construct and race a toboggan that is less than 300lbs, has a concrete sliding surface, and is fitted with a braking apparatus and protective roll bar. These teams gather every winter to present their creations and participate in what has grown to be the largest engineering student competition in the country.



## OUR TEAM

This year, our team is made up of over 25 civil engineering students. Each member of our team brings a diverse skill set and unique personality to the table. This notion is reflected in our theme for the Waterloo GNCTR 2009 Team: Boggan Bears!

## YOUR SUPPORT

Taking part in GNCTR 2009 requires extensive planning, hard work, and funding. To make our mission a success, we require funding for building materials, registration fees, transportation, accommodations, and more. This is where we would appreciate your support. Our team welcomes financial, service related, and in-kind donations. Your donation will be vital in reaching our race budget of \$30,000. Financial donations accepted by cheque, payable to "GNCTR 2009".

Over the years many businesses and individuals have enjoyed a mutually beneficial relationship with the UW Concrete Toboggan Team. Sponsors of our team will gain extensive visibility throughout the University of Waterloo campus, and other Universities across Canada who attend the event. Please refer to the Partnership Levels to see the benefits of your donation.



2008 "Waterloo911!" Winning Team

## PARTNERSHIP LEVELS

### CONCRETE (\$2,000+)

*All of the benefits of Gold plus:*

Company Logo:

- On our display in the Technical Exhibition
- On our contest uniform
- On our toboggan

Company Pamphlet:

- At our display in the Technical Exhibition

### GOLD (\$1,000+)

*All the benefits of Silver plus:*

Company Profile:

- On our UW GNCTR 2009 Website

Company Name:

- On our contest uniform
- On our toboggan
- Thank-you plaque

### SILVER (\$500+)

*All of the benefits of Bronze plus:*

Company Logo:

- On our UW GNCTR 2009 Website

Company Name:

- On our team shirts

### BRONZE (\$100+)

Company Name:

- On our display in the Technical Exhibition
- As a link on our UW GNCTR 2009 Website

## OUR GOAL

In the past, teams from the University of Waterloo have been very successful, winning the event five times since its inception. Our most recent victory was earned in 2008 by Waterloo911!. Our team is determined to bring home the title again in 2009, making it back-to-back championships!

This year, our team is looking to take initiative in the fight against climate change, and minimize our ecological footprint. Several ways in which we plan to achieve this include: offsetting carbon generated from our flight, locally sourcing our building materials, and using recycled aggregate and supplementary cementing materials (SCM) in our concrete mix design. The 2007 Waterloo team won the award for their use of Fly Ash (an SCM); a feat we hope to accomplish. For more information on our green initiatives, or if you have any suggestions on how to reduce our ecological footprint, please contact us.

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