

# CWSF 2006 - Saguenay, Québec



## Johnny Adamich

### A Concrete Solution to Scrap Tires

**Division:** Health Sciences

**Category:** Junior

**Region:** Simcoe County

**City:** Barrie, ON

**School:** St. Monicas School

**Abstract:** This project investigated adding ground scrap tire to concrete and it's affect on compressive strength and workability. Experiments were conducted replacing some of the sand in concrete with ground tire. The results showed that as more ground scrap tire was added, compressive strength dropped, however, the concretes remained very workable.

Awards	Value
CSSE Engineering Innovation Award - Junior Sponsor: Canadian Society for Senior Engineers	\$1 000
Carlson Wagonlit Award - Junior Sponsor: Carlson Wagonlit Travel	\$500
Honourable Mention - Engineering - Junior Sponsor: Youth Science Foundation Canada	\$100
<b>Total</b>	<b>\$1 600</b>