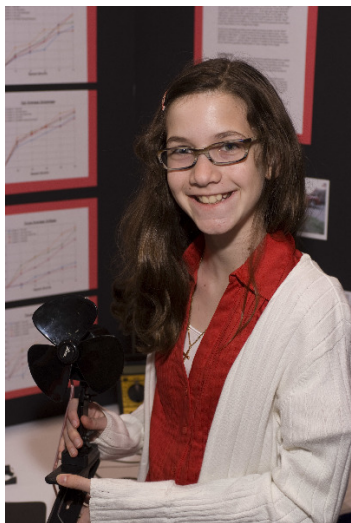


CWSF 2010 - Peterborough, Ontario



Mollie Bianchi

Automotive Wind Driven Generator

Division: Biotechnology

Category: Junior

Region: Simcoe County

City: Oro Station, ON

School: St. Monica's E.S.

Abstract: This project demonstrates that wind driven generators mounted on automobiles can recover wind energy otherwise lost as air flows over and around the vehicle. If used when the vehicle is decelerating or coasting, the result is a net energy gain. The project also evaluated the efficiency and practicality of several locations to install wind driven generators, on two types of vehicles currently in use..

Biography

My name is Mollie Marie Bianchi. I was born on October 29, 1997 in Richmond Hill . I attend St. Monica's School in Barrie , Ontario and am in grade 7. At school I am a member of the Battle of the Books team and the Math Olympics Team. Math and science are my two favourite subjects. I live with my dad in a log cabin that is around a100 years old and right on the water. I love to read, shop, bake, fish and go swimming. I play soccer during the summer. I hope to become either a marine biologist or an oceanographer when I grow up.

Awards

Value

The University of Western Ontario Scholarship	\$2 000
Silver Medallist - \$2000 Entrance Scholarship	
Sponsor: University of Western Ontario	
Silver Medal - Automotive - Junior	\$700
Sponsor: AUTO21	
Total	\$2 700