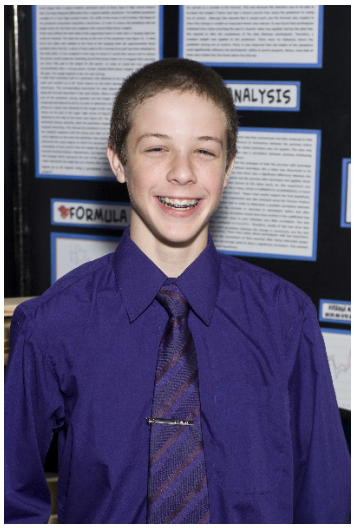
ESPC 2010 - Peterborough (Ontario)



Robert Barrett

Knock Out: Momentum of a Kick Boxers Punch

Division: Sciences physiques et des mathématiques
Catégorie: Intermédiaire
Région: Cape Breton
Ville: Sydney, NS
École: Riverview High School
Sommaire: An adaptation of ballistic pendulum that could withstand and measure the momentum of kick boxers' punches was developed and built. This instrument was used to conduct an experiment to determine the degree to which proper technique instruction increases the momentum of kick boxers' punches. Participants with various knowledge of kickboxing were tested.

Biographie
My name is Robert Barrett and I am a grade ten French immersion student at Riverview High School in Sydney, Nova Scotia. I am a member of the school cross country running team. I am also a member of a local soccer team. I love down hill skiing. I am a member of the Sydney School of Kickboxing and that is where my idea for my science fair project came from. I also have an interest in outdoors and wilderness survival. Each summer I volunteer at the Fortress of Louisbourg and I have a keen interest in history and archeology. I plan to study science and find a career that will let me tie my interests in science and archeological history. Awards I have received for my science project include at regional level:the NSERC Award, the Engineers Nova Scotia Award, the Gold Medal for my division and the Best in Fair award. I was awarded first place in my division at my school. I have been invited to speak to a local technology organization about my project. I am involved in a local youth movement and I also participated in a provincial student association conference that promotes leadership.

Prix	Valeur
Bourse d'études de l'Université Western Ontario Médaillé d'argent - Bourse de début d'études de 2 000 $ Commanditaire: Université Western Ontario	2 000,00 $
Médaille d'argent - Sciences physiques et des mathématiques Intermédiaire Commanditaire: Encana Corporation	700,00 $
Total	2 700,00 $