

# CWSF 2008 - Ottawa, Ontario



## Adam Parsons

### Which Golf Ball to Use: A Study of Bounce Height and Drive Distance

**Division:** International / None

**Category:** Junior

**Region:** Eastern Newfoundland

**City:** Mount Pearl, NL

**School:** St. Peter's Jr. H.S.

**Abstract:** This project tested and analysed the correlation between the height a golf ball bounces when dropped and the distance it travels when hit with a golf club. The two tests used equipment specifically designed for this purpose. Multiple trials were performed for the ten test balls. Analysis of the results showed a positive correlation, meaning a ball that bounces higher has more potential drive distance.

#### Biography

My name is Adam Parsons and I am 14 years old. I am in Grade 8 at St. Peter's Junior High in Mount Pearl, NL. I enjoy riding, racing, and building mountain bikes. I also play all-star soccer and enjoy travelling and competing with soccer teams. During the soccer season I referee for ages 9-16. I am on my school team for volleyball, soccer, and cross country running. I also play hockey and golf. In my spare time I like to hang out with my friends and work on computers. I enjoy science and participating in science fairs. I have always been interested in building things. When I was younger I loved to construct things such as Lego? robots and Meccanos?. I now enjoy working on bikes and doing other mechanical tasks. I am very interested in engineering. I have done mini-courses in both "Engineering Design" and "Underwater Robotics". I am planning to pursue a degree in the discipline of Engineering.

#### Awards

#### Value

The University of Western Ontario Scholarship Silver Medallist - \$1500 Entrance Scholarship Sponsor: University of Western Ontario	\$1 500
Silver Medal - Physical & Mathematical Sciences - Junior Sponsor: Encana Corporation	\$700
Total	\$2 200