

# CWSF 2006 - Saguenay, Québec



## Kirby Maguire

### Golf Ball Compression

**Division:** International

**Category:** Senior

**Region:** Regina

**City:** Regina, SK

**School:** Thom Collegiate

**Abstract:** My question is: What effects does compression rating have on golf balls' kinetic behaviour when acted upon by an unbalanced force? Trials were conducted to discover a relationship between initial velocity and the compression rating of a golf ball. The rating for a biodegradable ball was mathematically calculated based on the graphed data, and the compression rating of the EcoBall found to be 127.

Awards	Value
The University of Western Ontario Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: University of Western Ontario	\$1 000
Bronze Medal - Physical & Mathematical Sciences - Senior Sponsor: Encana Corporation	\$300
Total	\$1 300