# CWSF 2008 - Ottawa, Ontario

## Zach Poole

### Stocks: Predicting When To Sell

**Division:** International / None
**Category:** Junior
**Region:** Chinook Country
**City:** DeWinton, AB
**School:** Red Deer Lake School

**Abstract:** Is there a relationship between Historical Price Volatility and Optimal Trailing Stop Loss, and is it possible to develop a linear equation to predict Optimal Trailing Stop Loss based on its Historical Price Volatility. The conclusion was that there is a positive relationship, however, the relationship is not strong enough for the Optimal Trailing Stop Loss to be predicted based on Historical Price Volatility.

| Biography |
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| My name is Zach Poole. I live in DeWinton, Alberta and attend Red Deer Lake School. My favourite subjects in school are math, science, and language arts and I have attained honours with distinction. I have come first in my school for the Fibonacci and Pythagoras math contests and achieved honours Canada-wide both years. At the Millerville Fall Fair, I won first place for my story and second for my poem. This year, I played on my school's junior basketball, junior volleyball, and Grade 7 badminton teams. I also played A level community basketball in the winter and my team won a bronze medal at the Provincial Championships. I play trombone, alto saxophone and trumpet for my school's Grade 7 concert band, junior jazz band, and senior jazz band, respectively. I also play guitar outside of school and I am in Grade 7 Royal Conservatory piano. As well, I enjoy reading and having friends over at my house. I plan to study Architecture at the University of Waterloo. |

| Awards | Value |
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| Discovery Channel Math Award<br>Sponsor: Discovery Channel | $750 |
| The University of Western Ontario Scholarship<br>Bronze Medallist - $1000 Entrance Scholarship<br>Sponsor: University of Western Ontario | $1 000 |
| Bronze Medal - Physical & Mathematical Sciences - Junior<br>Sponsor: Encana Corporation | $300 |
| Total | $2 050 |