

## CWSF 2006 - Saguenay, Québec



### William Reginold

#### Set Body Weight & Eat All You Want

**Division:** Physical & Mathematical Sciences

**Category:** Intermediate

**Region:** Toronto

**City:** Toronto, ON

**School:** Mary Ward C.S.S.

**Abstract:** The purpose of this experiment is to determine whether body weight like body temperature is regulated. To prove this, five Brown Rats were monitored for thirty-five days. What was found was that perturbations of body energy initiate a coordinated pattern of compensatory intake and expenditure adjustments proving weight is regulated.

Awards	Value
The Actuarial Foundation of Canada Award - Intermediate	\$750
The University of Western Ontario Scholarship	\$1 500
Silver Medallist - \$1500 Entrance Scholarship	
Sponsor: University of Western Ontario	
Silver Medal - Life Sciences - Intermediate	\$700
Sponsor: Pfizer Canada	
Total	\$2 950