

# CWSF 2006 - Saguenay, Québec



## Vanessa Monteiro

### Light Up My Life

**Division:** Physical & Mathematical Sciences

**Category:** Senior

**Region:** Lambton County

**City:** Sarnia, ON

**School:** St. Patrick's H.S.

**Abstract:** In recent years carbon dioxide levels in the atmosphere have increased. A possible solution to this growing problem is converting this gas through the process of photosynthesis, used by many plants. My experiment studies the rate of photosynthesis in plants by measuring the oxygen produced while in an enclosed space. Oxygen is measured by timing how long a candle stays alight.

Awards	Value
The University of Western Ontario Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: University of Western Ontario	\$1 000
Bronze Medal - Life Sciences - Senior Sponsor: Pfizer Canada	\$300
Total	\$1 300