

## CWSF 2006 - Saguenay, Québec



### Janet Leung, Ulrica Wong

#### The Effect of a DC Field on the Germination and Development of the Alaska Pea, *Pisum Sativum*

**Division:** Physical & Mathematical Sciences

**Category:** Senior

**Region:** York

**City:** Markham, ON

**School:** Brother André Catholic H.S.

**Abstract:** Alaska garden peas were grown inside and outside a DC electric field, ceteris paribus, for 16 days in order to learn their effect on the germination and early development of peas, as measured quantitatively and qualitatively. Described are how the plants in the electric field fared worse than their counterparts and examples of how this knowledge can be applied.

Awards	Value
UBC Science (Vancouver) Entrance Award	\$2 000
Senior Silver Medallist - \$2000 Entrance Scholarship	
Sponsor: The University of British Columbia (Vancouver)	
The University of Western Ontario Scholarship	\$1 500
Silver Medallist - \$1500 Entrance Scholarship	
Sponsor: University of Western Ontario	
Silver Medal - Life Sciences - Senior	\$700
Sponsor: Pfizer Canada	
Total	\$4 200