



## CWSF 2007 - Truro, Nova Scotia



## Nicholas Kasimir Randall

## The Tap, the Boiled and the Microwaved

**Division:** Physical & Mathematical Sciences / None

Category: Intermediate

Region: Central Okanagan
City: Summerland, BC
School: Penticton Secondary

Abstract: My project investigated microwaves using plants as an indicator system. I

studied seed germination and growth of three plants. I watered different groups with either tap, boiled or microwaved water. After two months in the greenhouse, I measured height, chlorophyll content, fresh and dry weight.

My findings were beans and wheat grew significantly better with microwaved water. There was no significant difference for peas.

## **Biography**

My Name is Nicholas Randall. I live in Summerland B.C., and I attend Penticton Secondary School CADRE program. This is my third Canada Wide Science Fair, my first one being Vancouver in 2005. I enjoy playing house soccer. Some of my favourite TV shows are HOUSE MD and Magnum PI. My favourite bands are AC/DC, the Rolling Stones, the Beatles and Cheap Trick. I enjoy playing the piano and alto saxophone in jazz band. I am excited about going to Nova Scotia and hope I will have the opportunity to visit Springhill, the place where my grandmother grew up.

Awards	Value
The University of Western Ontario Scholarship	\$2 000
Gold Medallist - \$2000 Entrance Scholarship	
Sponsor: University of Western Ontario	
Gold Medal - Life Sciences - Intermediate	\$1 500
Sponsor: Pfizer Canada	
Total	\$3 500



