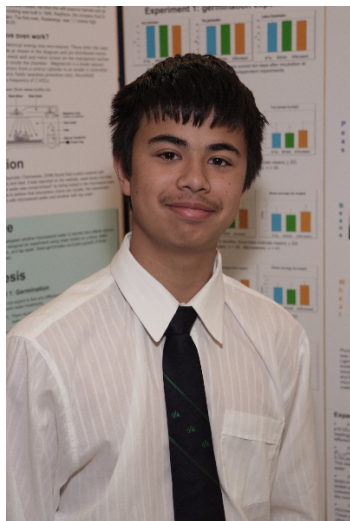


## CWSF 2007 - Truro, Nova Scotia



### 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<br>Gold Medallist - \$2000 Entrance Scholarship<br>Sponsor: University of Western Ontario | \$2 000 |
| Gold Medal - Life Sciences - Intermediate<br>Sponsor: Pfizer Canada   | \$1 500 |
| Total   | \$3 500 |

