

## CWSF 2007 - Truro, Nova Scotia



### Nigel Grenier

#### Rings of Time

**Division:** Engineering & Computing Sciences

**Category:** Junior

**Region:** Greater Vancouver

**City:** North Vancouver, BC

**School:** St Thomas Aquinas

**Abstract:** This dendro-climatology project compares tree ring growth with climate. In this study core samples were taken from Ponderosa Pine trees in Penticton, B.C. The widths of tree rings were compared with annual precipitation and spring and growing season temperatures to see their relationship. The results show that early spring and moderate summer temperatures as well as an abundance of precipitation result in favorable growing conditions.

#### Biography

Nigel Grenier is a grade 8 student from Saint Thomas Aquinas High School in North Vancouver, British Columbia. Nigel has Gitksan and Cree ancestry. In addition to knowledge of the many stories he is also a First Nations dancer which has brought him unique experiences and an awareness of the importance of upholding his culture. Another aspect of Nigel's heritage that he has maintained is his French language through the French immersion program. Nigel expresses his enjoyment of music through playing both the French horn and the piano. He enjoys a lot of outdoor sport activities, such as kayaking, rock climbing, skiing, hiking and camping. Nigel is an avid reader from fantasy novels to science magazines. His favourite subject is science! He is interested in pursuing a career in biology and environmental sciences.

#### Awards

#### Value

The University of Western Ontario Scholarship Silver Medallist - \$1500 Entrance Scholarship Sponsor: University of Western Ontario	\$1 500
Silver Medal - Earth & Environmental Sciences - Junior Sponsor: Petro-Canada	\$700
Total	\$2 200