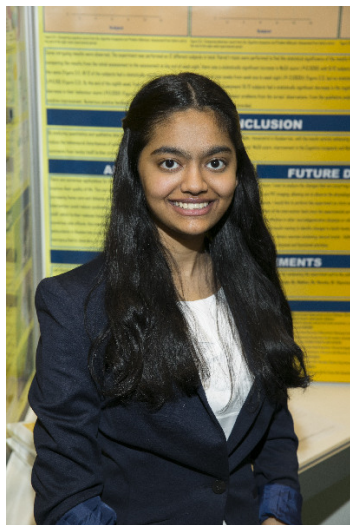


# CWSF 2017 - Regina, Saskatchewan



## Zwetlana Rajesh

### Natural Insulin: A Novel Intervention for Sundowning in Alzheimer's Disease

**Challenge:** Health  
**Category:** Intermediate  
**Region:** Renfrew County  
**City:** Pembroke, ON  
**School:**

**Abstract:** Sundowning is one of the most challenging symptoms seen in patients with Alzheimer's Disease. This phenomenon consists of behavioural abnormalities that can lead to caregiver burnout. This experiment was conducted to test if natural insulin from dietary sources could reduce the effects of sundowning in Alzheimer's disease. This intervention showed promising results with bringing positive changes in the effects of sundowning.

Awards	Value
Excellence Award - Intermediate - Silver Medal Sponsor: Youth Science Canada	
Western University Scholarship Silver Medallist - \$2000 Entrance Scholarship Sponsor: Western University	\$2 000
Total	\$2 000