

## CWSF 2011 - Toronto, Ontario



### Danielle McKenney

#### Mechanoreceptors

**Challenge:** Health

**Category:** Junior

**Region:** Algoma Rotary

**City:** Sault Ste. Marie, ON

**School:** Anna McCrea E.S.

**Abstract:** My project tested how age affects people's mechanoreceptors; a type of sensory receptors that detects touch. To do this, I placed a dot on a person's arm with a pen and without looking, they would try to locate the dot with another pen. After comparing my results for each grade, I came to the conclusion that there is no trend according to age for mechanoreceptors.

#### Biography

I am a passionate science student at my school, always enjoying a good math or science problem. I am currently in grade eight, taking a grade nine math course at my high school. I have participated in many academic contests, ranging from the subjects french, math, science, and language. From these, I have many accomplishments and awards. I also participate in soccer, hockey, and always enjoy a reading good book. With my future schooling, I would like to take many science courses, focusing on biology. I would also like to continue taking math in the future. In my future, I would love to work with the environment in some way.