

## CWSF 2007 - Truro, Nova Scotia



### Tanner Ivison

#### Lord Kelvin's Electrostatic Generator

**Division:** Health Sciences / None

**Category:** Junior

**Region:** North Channel

**City:** Thessalon, ON

**School:** Thessalon P.S.

**Abstract:** This project recreated the Kelvin Electrostatic Generator using ordinary household materials. Induction coils made from different materials were tried until the generator worked successfully. Higher humidity levels had an effect on the intensity of the static charge.

#### Biography

I live in a small Northern Ontario town named Thessalon. My favorite thing to do is playing hockey. I play on a competitive hockey team that travels throughout Ontario and the United States to compete in tournaments. My favorite moment playing hockey is when I played in the All-Star game at an international tournament with kids from all over the world. I enjoy fishing and hunting with my friends. When I'm not outdoors, I spend most of my time watching Discovery Channel especially when Mythbusters is on. My dream is to play hockey in the NHL but if that doesn't work out I would like to go to university to become a professional engineer.