

# CWSF 2012 - Charlottetown, Prince Edward Island



## Xing Yi Liu

### Block Those Rays!

**Challenge:** Health

**Category:** Junior

**Region:** Toronto

**City:** Toronto, ON

**School:** Upper Canada College

**Abstract:** The purpose of the experiment was to determine which brand of SPF 15 sunscreen was able to block the most amount of UVA and UVB. Five sunscreens were tested 25 times for UVA and 25 times for UVB, each. NeoStrata blocked the most amount of UVA and UVB. Olay blocked the least.

### Biography

I am a student from Upper Canada College. I am very passionate about learning all sorts of types of knowledge. I chose this project because Canada is a country full of sunshine all year round. Protecting against UV rays is very important to everyone. So, choosing a suitable sunscreen is very beneficial to all individuals. This experiment directly helps people make their decisions. If I were to continue experimenting, I would take more trials. The more trials I have, the more accurate my results are. An advice that I would give to other students thinking about doing a project is that it is important to select a topic that is related to everyday life. This way, the project can act as a guidance for others to have a healthy lifestyle.

### Awards

### Value

Excellence Award - Junior - Bronze Medal Sponsor: Nuclear Waste Management Organization	\$300
Western University Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: Western University	\$1 000
Total	\$1 300