

# CWSF 2019 - Fredericton, New Brunswick



## Lucas Hilden

### The New Solution for Facial Blindness

**Challenge:** Innovation

**Category:** Junior

**Region:** Annapolis Valley

**City:** Falmouth, NS

**School:** West Hants Middle School

**Abstract:** There is a disease called prosopagnosia or otherwise known as facial blindness. Other disease's like Alzheimer's and Dementia have the same type of facial recognition issues as prosopagnosia. In my project, I am creating a revolutionary device that uses facial recognition to be the first ever aid for all of the people with problems recognizing faces.

#### Biography

My name is Lucas Hilden, I am a grade 8 student from West Hants Middle School. I was born in Oshawa, Ontario but I grew up in Falmouth, Nova Scotia. My favorite thing to do outside of school is to play and compete in hockey and baseball. In my house, I live with my parents and my younger sister, Addison. I also have 2 cats and a dog. I was inspired to do this project by my grandfather. He has Alzheimer's and often has trouble recognizing faces. I felt that if I was him or any of the other people who have this problem I would not like that. This is why I decided to create my device. If anyone is thinking about doing a science fair project, I would definitely say do it. There are so many great things to go along with your project, learning a lot of new things for your own project and others.

#### Awards

#### Value

Excellence Award - Junior - Gold Medal Sponsor: Youth Science Canada	
Challenge Award - Innovation - Junior Sponsor: Youth Science Canada	
Western University Scholarship Gold Medallist - \$4000 Entrance Scholarship Sponsor: Western University	\$4 000
<b>Total</b>	<b>\$4 000</b>