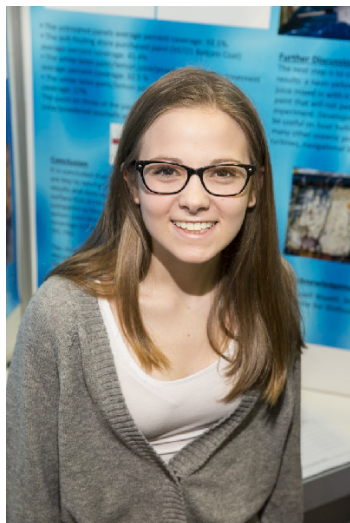


# CWSF 2015 - Fredericton, New Brunswick



## Kennedy Frittenburg

### Battling Biofouling: The Development of an Environmentally Sensitive Coating

**Challenge:** Environment

**Category:** Junior

**Region:** South Shore

**City:** Bridgewater, NS

**School:** Bayview Community School

**Abstract:** The purpose of this project was to investigate the issue of biofouling and attempt to produce an environmentally sensitive solution. The two low impact strategies focused on were surface colour and non-toxic chemical treatments. It was concluded that colour and chemistry are key to treating biofouling as supported by my data.

#### Biography

My name is Kennedy Frittenburg and I am in grade 8 at Bayview Community School in Mahone Bay, Nova Scotia. In my school I am involved in our "Me to We" group, this is a group that helps people in underdeveloped countries and spreads awareness about social issues. Some of my other interests include basketball, volleyball and music. In the future I hope to be an architect or a pediatrician. The inspiration for my project came from research of barnacles and the problems they cause. I also have a love for the ocean. I hope to create and market an environmentally sensitive antifouling coating product.

#### Awards

#### Value

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