



CWSF 2019 - Fredericton, New Brunswick



Biography

My name is Tara Gover and I am a grade 11 student from Bathurst, New Brunswick. Besides science and engineering my interests include competitive dancing and participating in my school's plays and musicals. After high school I plan to attend Memorial University to study ocean and naval architectural engineering. Eventually finishing my studies at University of British Columbia to obtain a masters in naval architecture and marine engineering. My interest in shipbuilding is what inspired my project, planning and designing a ship that is eco-friendly is a goal of mine. My advice for other students is to find a topic that you are passionate about. That way it doesn't feel like homework, you are doing a project because you love the work. I'm very excited to attend CWSF 2019.

Tara Gover

Thermoelectricity: Powering the Ships of Tomorrow

Challenge:	Energy
Category:	Senior
Region:	North-West New Brunswick
City:	Bathurst, NB
School:	Bathurst High School
Abstract:	Incorporating thermoelectric power generation within the shipping industry, is the subject of my science fair project this year. By designing a new ship emission plan, this resulted in fewer carbon dioxide emissions into the environment and the production of renewable energy. Finding ways to reduce carbon dioxide in marine environments requires immediate action and innovative solutions.

Awards	Value
Excellence Award - Senior - Bronze Medal	
Sponsor: Youth Science Canada	
University of Ottawa Entrance Scholarship	\$1 000
Senior Bronze Medallist - \$1000 Entrance Scholarship	
Sponsor: University of Ottawa	
Western University Scholarship	\$1 000
Bronze Medallist - \$1000 Entrance Scholarship	
Sponsor: Western University	
Total	\$2 000



Youth Science Canada PO Box 297 Pickering ON L1V 2R4 www.youthscience.ca / info@youthscience.ca 416-341-0040

