

CWSF 2011 - Toronto, Ontario



Forrest Tower, Ashley Anderson

Applications of Biofuel Technologies in Third World Countries

Challenge: Innovation

Category: Senior

Region: Central Interior British Columbia

City: Prince George, BC

School: Westside Academy

Abstract: Applications of Biofuel Technologies for Third World Countries created an anaerobic digestion biogas system. This system was designed to produce an alternate, renewable fuel for cooking and producing light in third world countries. The biogas system was created using parts that are locally available in third world countries such as Honduras.

Biographies

Forrest - Forrest Tower was born in Prince George, BC on July 28, 1994. He lived there until the age of one, when he moved with his parents to Saskatoon, Saskatchewan. Forrest lived in Saskatoon until December 1999, when he and his family returned to Prince George. He attends Westside Academy, a K ? 12 independent school, and is currently in grade 11. Forrest has attained A Honour Roll for the entirety of his education. He has competed in the Central Interior Science Exhibition for the past 8 years. His projects, which have varied from Health Sciences to Engineering, have won six gold and one silver. Forrest attended CWSF in 2009 and 2010 and finishe...

Ashley - Ashley Anderson is 15 years old. She was born on December 6, 1995 and lives in Prince George B.C. Ashley goes to Westside Academy and is in Grade 10. She has two younger sisters, Whitney and Alayna .She also has two dogs named Chevy and Dodge. Ashley loves sports especially platform diving, soccer, and hockey. She trains with an Olympic diving coach and hopes one day to represent Canada at the Summer Olympics. She also loves to play the Piano, Bass drum, Snare drum, and Mallets. Ashley cheers for the Calgary Flames. She is an "A" student and loves Science. Ashley is interested in becoming a Registered Nurse or a Sports Psychologist.

Awards

Value

Excellence Award - Senior - Bronze Medal Sponsor: Youth Science Canada	\$300
The University of Western Ontario Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: University of Western Ontario	\$1 000
University of Ottawa Entrance Scholarship Senior Bronze Medallist - \$1000 Entrance Scholarship Sponsor: University of Ottawa	\$1 000
Total	\$2 300