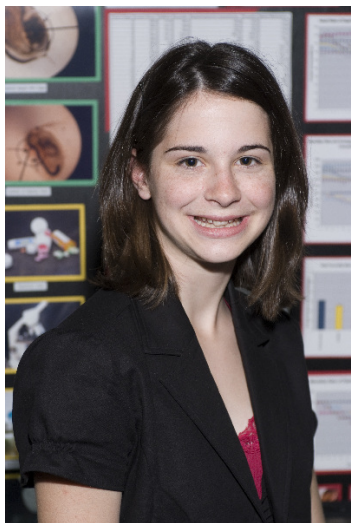


CWSF 2009 - Winnipeg, Manitoba



Bugs on Drugs Phase II

Division: Physical & Mathematical Sciences / Environmental Innovation

Category: Intermediate

Region:

City: ,

School:

Abstract: The presence of pharmaceuticals in aquatic ecosystems and water supplies is becoming more and more globally evident. Utilizing *Daphnia Magna* as bio indicators, 30-day chronic bioassays were completed to investigate the effects of four pharmaceuticals and a combination thereof on heart rate and fecundity ratio at low level concentrations.

Awards	Value
The University of Western Ontario Scholarship Gold Medallist - \$2000 Entrance Scholarship Sponsor: University of Western Ontario	\$2 000
The University of Western Ontario Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: University of Western Ontario	\$1 000
Bronze Medal - Environmental Innovation - Intermediate Sponsor: EnviroExpo, Presented by VIA Rail Canada	\$300
Gold Medal - Life Sciences - Intermediate Sponsor: Pfizer Canada	\$1 500
Total	\$4 800