

# CWSF 2008 - Ottawa, Ontario



## Bugs on Drugs

**Division:** Physical & Mathematical Sciences / Environmental Innovation

**Category:** Junior

**Region:**

**City:** ,

**School:**

**Abstract:** This experiment investigates the effects of pharmaceuticals on life in water systems. The heart rate of *Daphnia Magna* was measured to indicate the effects of exposure to four pharmaceuticals found present in some water systems and drinking water. These pharmaceuticals were administered in different concentrations.

Awards	Value
Petro-Canada Peer Innovation Award - Junior - Ontario North & East Sponsor: Petro-Canada	\$200
The University of Western Ontario Scholarship Silver Medallist - \$1500 Entrance Scholarship Sponsor: University of Western Ontario	\$1 500
Silver Medal - Life Sciences - Junior Sponsor: Pfizer Canada	\$700
<b>Total</b>	<b>\$2 400</b>