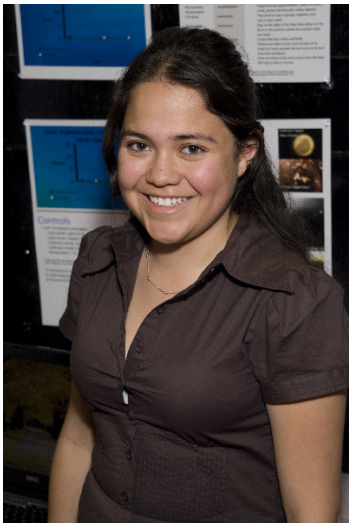


CWSF 2008 - Ottawa, Ontario



The Effects of Heavy Metals on *Dugesia tigrina*

Division: Engineering & Computing Sciences / None

Category: Senior

Region:

City: ,

School:

Abstract: Mimicking the effects that the varying concentrations of the chemicals found in marine ecosystems have on aquatic invertebrates would determine the effect that heavy metals have on the latter? The concentration response effect of *Dugesia tigrina* in terms of morphological and locomotive changes were observed when exposed to lead nitrate and cadmium nitrate at 1ppm and 10ppm over a period of fourteen days.

| Awards | Value |
|---|-------|
| Honourable Mention - Earth & Environmental Science - Senior | \$100 |
| Sponsor: Petro-Canada | |
| Total | \$100 |