

## ESPC 2005 - Vancouver (Colombie-Britannique)



### Jenna McGuire

#### Green Inspired Green

**Division:** Sciences de la terre et de l'environnement

**Catégorie:** Sénior

**Région:** Bluewater

**Ville:** Lion's Head, ON

**École:** Bruce Peninsula District School

**Sommaire:** To find an equally efficient but more economically feasible alternative to traditional solar cells, I constructed a different type of cell. I tested four variables that affected the electron transfer dynamics of the nanocrystalline titanium dioxide solar cells. The differing variables include; firing times, performing temperatures, anthocyanins and optical filters.

Prix	Valeur
Prix d'excellence en sciences de l'EACL - Sénior	1 000,00 \$
Commanditaire: Énergie atomique du Canada Limitée	
Total	1 000,00 \$