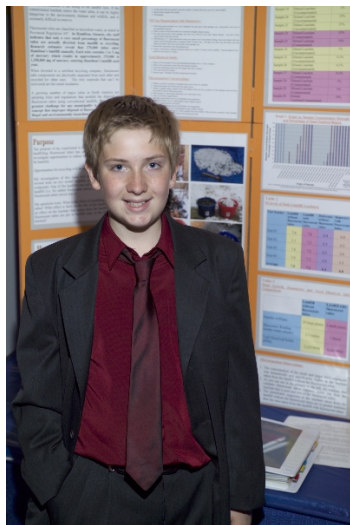


# CWSF 2006 - Saguenay, Québec



## Patrick Bowman

### Shedding the Lights From Landfill Sites

**Division:** Engineering & Computing Sciences

**Category:** Junior

**Region:** Bay Area

**City:** Dundas, ON

**School:** St. Augustine E.S.

**Abstract:** This project evaluated environmental effects of landfilling fluorescent tubes. Two model landfills were created from a composter; one was contaminated with fluorescent tubes. Leachate was created through hydration. Tests were performed on the landfills and leachates. Fluorescent tubes contain mercury, which negatively affected the landfill and creates toxic leachate.

Awards	Value
Albert Lapierre Award - Junior Sponsor: Canadian Council of Technicians and Technologists	\$500
Honourable Mention - Earth & Environmental Science - Junior Sponsor: Petro-Canada	\$100
<b>Total</b>	<b>\$600</b>