

CWSF 2005 - Vancouver, British Columbia



Asha Suppiah

Pressure's Up On Fuel Cells!

Division: Earth & Environmental Sciences

Category: Senior

Region: Renfrew County

City: Deep River, ON

School: Mackenzie High School

Abstract: A unique cell design, incorporating electrolysis and fuel cell operations, was developed to demonstrate enhancements in fuel-cell technology. This cell design potentially offers a novel method of charging the electrodes to enhance their performance and extend their lifetime. These advancements can help Canada meet its commitment to the Kyoto Protocol.

Awards	Value
UBC Science (Vancouver) Entrance Award	\$2 000
Senior Silver Medallist - \$2000 Entrance Scholarship Sponsor: The University of British Columbia (Vancouver)	
The University of Western Ontario Scholarship	\$1 500
Silver Medallist - \$1500 Entrance Scholarship Sponsor: University of Western Ontario	
Silver Medal - Automotive - Senior Sponsor: AUTO21	\$700
Silver Medal - Earth & Environmental Sciences - Senior Sponsor: Petro-Canada	\$700
Total	\$4 900