



CWSF 2006 - Saguenay, Québec



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Fuel Cells

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Abstract: This experiment determines if PEM fuels cells are more efficient and

environmentally friendly than carbon electrode electrolysis apparatus when it come to creating hydrogen gas from water. Traditionally PEM fuel cells are used to create electricity from hydrogen and oxygen, but in this experiment the process is reversed. Electricity and water are used with a

PEM fuel cell to create hydrogen.

Awards	Value
The University of Western Ontario Scholarship	\$1 000
Bronze Medallist - \$1000 Entrance Scholarship	
Sponsor: University of Western Ontario	
Bronze Medal - Automotive - Intermediate	\$300
Sponsor: AUTO21	
Total	\$1 300



