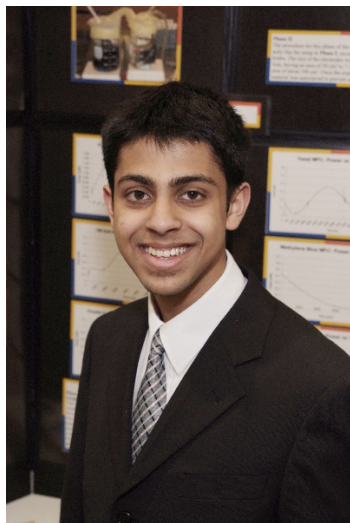


## CWSF 2007 - Truro, Nova Scotia



### Hassan Siddiqui

#### Microbial Fuel Cell

**Division:** International / None

**Category:** Senior

**Region:** Lambton County

**City:** Sarnia, ON

**School:** Northern C.I. & V.S.

**Abstract:** This project looks into a clean, renewable and alternative energy source, Microbial Fuel Cells. The purpose of the project was to use microorganisms in the production of electricity. The project involves simply fuels cells, which were built to compare different organisms, and test different variables in the production of electricity. The current and voltage produced by the organisms was measured and used to determine the power.

#### Biography

My name is Hassan Siddiqui; I am in grade 11 at N.C.I.V.S in Sarnia, Ontario. I have 2 younger sisters and 1 little brother. This is my second time at CWSF. Some of my interests include soccer, cricket, biking, tennis, badminton, computers, music and of course science. I am the president of science club at my school and a member of many other clubs. Outside of school I have been part of many soccer teams. In the past I have volunteered at my local hospital and I currently volunteer at the local library. In the future I hope to become a Biomedical Engineer or an Ophthalmologist.