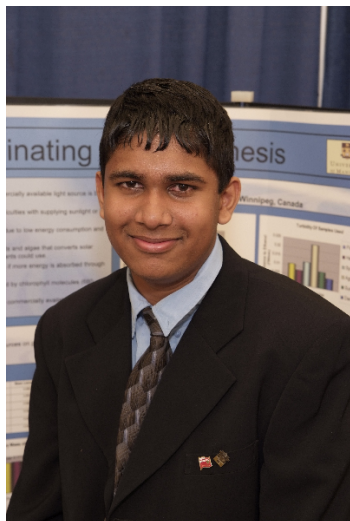


CWSF 2007 - Truro, Nova Scotia



Binudith Warnakulasooriya

Illuminating Photosynthesis

Division: Engineering & Computing Sciences / None

Category: Intermediate

Region: Manitoba Schools Science Symposium

City: Winnipeg, MB

School: Arthur A. Leach School

Abstract: The purpose of this experiment was to identify the relationship between six different sources of light and the growth of an Arabidopsis thaliana. This experiment measures wet mass, relative chlorophyll level, dry mass, and turbidity. The results explain the relationship between chlorophyll levels and the wavelength of light. This project has practical applications for commercial and indoor plant growers to produce an optimal harvest.

Biography

I am Binudith Warnakulasooriya. I go to Arthur A Leach Junior High School. I came to Canada from Sri Lanka 2 and half years ago. I started doing science fair projects in grade 8. There was lot of coordination and help from the teachers. My current mentor is Dr. Marek J Los. I was also supported by Ted Paranjothi. I love collecting stamps and reading books in free time. I like jazz music. I participate in many community activities and help to organize them. I play basketball and cricket as sports. I like to be a emergency doctor as my future career.

Awards

Value

Honourable Mention - Earth & Environmental Science - Intermediate Sponsor: Petro-Canada	\$100
Total	\$100