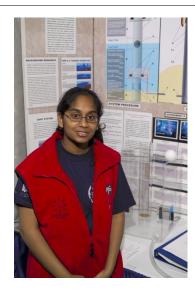




CWSF 2005 - Vancouver, British Columbia



Barbara Ratnam

Economically Feasible Tsunami Detection system

Division: Engineering & Computing Sciences

Category: Junior Region: Toronto

City: Scarborough, ON

School: St. Nicolas Catholic School

Abstract: After the recent tsunami disaster it became apparent that developing

countries cannot afford the detection system currently in place. The system is expensive mainly because of its position deep in the ocean. I have designed an economically feasible detection system located near the shores of coastal countries, with the potential to save many lives.

Awards	Value
Bell Canada Communications Award	\$1 500
Sponsor: Bell Canada	
The University of Western Ontario Scholarship	\$2 000
Gold Medallist - \$2000 Entrance Scholarship	
Sponsor: University of Western Ontario	
Gold Medal - Engineering - Junior	\$1 500
Sponsor: Youth Science Foundation Canada	
Total	\$5 000



