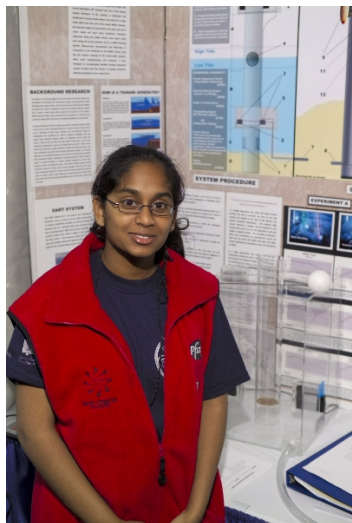


CWSF 2005 - Vancouver, British Columbia



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