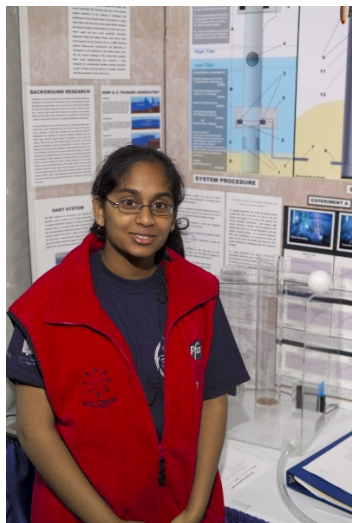


## CWSF 2005 - Vancouver, British Columbia



### 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