

# CWSF 2006 - Saguenay, Québec



## Graham Mann

### Help! Can Anyone Hear Me?

**Division:** Health Sciences

**Category:** Junior

**Region:** South Shore

**City:** Lunenburg, NS

**School:**

**Abstract:** People are depending to an increasing degree on cell-phones for communication, including in emergency situations. Cellular coverage is not, however, uniform, and areas of marginal coverage are common. A device for increasing cell-phone reliability in areas of marginal coverage was designed, built and then tested in the laboratory. A prototype of a folding version was built and tested in both the laboratory and the field.

Awards	Value
Bell Canada Communications Award Sponsor: Bell Canada	\$1 500
The University of Western Ontario Scholarship Silver Medallist - \$1500 Entrance Scholarship Sponsor: University of Western Ontario	\$1 500
Silver Medal - Engineering - Junior Sponsor: Youth Science Foundation Canada	\$700
<b>Total</b>	<b>\$3 700</b>