

## CWSF 2009 - Winnipeg, Manitoba



### CPR Training Simulator - Improved for Kids

**Division:** Health Sciences / None

**Category:** Junior

**Region:**

**City:** ,

**School:**

**Abstract:** The purpose of this innovation is to improve CPR training for senior elementary school students. An improved CPR training mannequin was developed. It provided the trainee with real time feed back on the rate and force of their CPR compressions. This was made using computer hardware, computer software and electronics. Senior elementary school students show major improvements after training with this innovation.

| Awards  | Value   |
|---|---------|
| The University of Western Ontario Scholarship<br>Gold Medallist - \$2000 Entrance Scholarship<br>Sponsor: University of Western Ontario | \$2 000 |
| Gold Medal - Engineering - Junior<br>Sponsor: Youth Science Canada  | \$1 500 |
| EnCana Platinum Award - Best Junior Project<br>Sponsor: Encana Corporation  | \$5 000 |
| Total   | \$8 500 |