

## CWSF 2006 - Saguenay, Québec



### Brian Grosskleg

#### The Perfect Bridge

**Division:** Health Sciences

**Category:** Intermediate

**Region:** Prince Albert & Northeast Saskatchewan

**City:** Prince Albert, SK

**School:** Carlton Comprehensive High School

**Abstract:** This experiment was conducted to determine which bridge design is the best overall, while discovering the techniques used in a real engineering project. I ran a series of tests on the multiple model bridges I constructed. I discovered that a cable-stayed bridge design is the best overall design. I plan to pursue an engineering career, so this project was a great experience.

Awards	Value
The University of Western Ontario Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: University of Western Ontario	\$1 000
Bronze Medal - Engineering - Intermediate Sponsor: Youth Science Foundation Canada	\$300
Total	\$1 300