

# CWSF 2009 - Winnipeg, Manitoba



## Get Bent: How Black Holes Bend Spacetime and the Minds of Modern Physicists

**Division:** International / None

**Category:** Senior

**Region:**

**City:** ,

**School:**

**Abstract:** The purpose of this project is to prove the existence of black holes through both theoretical and classical physics. Using Newtonian physics, general relativity and radiation spectra, this project demonstrates that black holes offer a better explanation than several other possible candidates.

Awards	Value
Canadian Mathematical Society Award Sponsor: Canadian Mathematical Society	\$1 000
Petro-Canada Peer Innovation Award - Senior - Atlantic Sponsor: Petro-Canada	\$200
Dalhousie University Faculty of Science Entrance Scholarship Senior Silver Medallist - \$2000 Entrance Scholarship Sponsor: Dalhousie University, Faculty of Science	\$2 000
UBC Science (Vancouver) Entrance Award Senior Silver Medallist - \$2000 Entrance Scholarship Sponsor: The University of British Columbia (Vancouver)	\$2 000
The University of Western Ontario Scholarship Silver Medallist - \$1500 Entrance Scholarship Sponsor: University of Western Ontario	\$1 500
University of Ottawa Entrance Scholarship Senior Silver Medallist - \$3000 Entrance Scholarship Sponsor: University of Ottawa	\$3 000
Silver Medal - Physical & Mathematical Sciences - Senior Sponsor: Encana Corporation	\$700
<b>Total</b>	<b>\$10 400</b>