

# CWSF 2011 - Toronto, Ontario



## Emma Bush

### For Better or For Worse: A Relationship Between Equine Conformation and Lameness

**Challenge:** Discovery

**Category:** Intermediate

**Region:** Chignecto East

**City:** Tatamagouche, NS

**School:** North Colchester High School

**Abstract:** This study established that poor equine conformation (the manner in which a horse is formed or put together) in the limbs and hooves, will increase the lifetime predisposition towards lameness in horses.

#### Biography

My name is Emma Bush and I attend North Colchester High School (Nova Scotia). I am in grade 9 this year and am 14 years old. I am a student council representative for my grade and am also the vice president of my local 4-H club. I was home-schooled up until two years ago when I joined the public school system in grade 8. I greatly enjoy school and have consistently had top marks in my grade since joining NCHS. I also recently won "student of the month" at my school (in October). I take part in multiple extra-curricular activities that include hockey (I was the captain of my all girl team), horse back riding, piano (I am taking my grade 6 piano exam at Mount Allison in June), singing and downhill skiing. In my spare time, I run, spend time with/ride my horses, listen to or play music, write or read (currently I enjoy historical fiction themed books). In the future, I would either like to become a veterinarian or a writer/journalist/author . . . or maybe both. This is my first year of taking part in Science fair and I placed 4th overall in my region.

#### Awards

#### Value

Excellence Award - Intermediate - Bronze Medal Sponsor: Youth Science Canada	\$300
The University of Western Ontario Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: University of Western Ontario	\$1 000
<b>Total</b>	<b>\$1 300</b>