

CWSF 2018 - Ottawa, Ontario



Hailey Dutchak

Pesky Mosquitoes III: An Investigation into Mosquito Biting Preferences

Challenge: Health

Category: Junior

Region: Northern British Columbia

City: Fort St. John, BC

School: Dr Kearney Jr Secondary

Abstract: Three years ago I started Pesky Mosquitoes because I was wondering why mosquitoes bite some people, but not others. This year, I wanted to see if there is a relationship between skin temperature and the perceived frequency of mosquito bites. I wanted to continue my research on mosquitoes because I want to know what exactly attracts the mosquito to bite one human over another.

Biography

My name is Hailey Dutchak. I am 12 years old and born in October. I am from Fort St. John, a city in the Peace regional area in the northern part of British Columbia. I am in Grade 7 and attend Dr. Kearney Middle School. I have been researching mosquitoes for over three years, and this is the third science fair project I have presented on the topic. I have several interests beyond science as well. I am a tap dancer, and have been dancing since I was two and half years old. It is my first passion. I dance at two studios, twice a week. I am also a competitive basketball player. I have been playing since I was in Grade 4. This is my first time at Nationals; I am honoured to be here.