ESPC 2014 - Windsor (Ontario)

Elias Andersen

Cold Cuts: A Cooled Cutting Board Using Peltier Technology

Défi: Innovation
Catégorie: Junior
Région: Simcoe County
Ville: Meaford, ON
École: Pretty River Academy
Sommaire: Using Peltier Chip technology this project aimed to create a cooled cutting board to slow bacterial growth and increase food safety. Many ideas were explored but heat contamination from Peltier Chips was a recurring problem. The final design using a heatsink and integrated fan solved the problem of heat contamination, creating a cooled cutting board.

Biographie
My name is Elias Andersen. I am in grade 8 at Pretty River Academy in Collingwood, Ontario. I plan on staying at Pretty River Academy throughout high school. After completing high school I plan on attending Ryerson University for sports broadcasting. This is my first Canada Wide Science Fair! My favourite subjects at school are science, math and phys. ed. I love sports! My favourite sports include golf, baseball, soccer, hockey, snowboarding and, ping pong. My hobbies include watching sports on television and playing sports on the Xbox 360. I also like making sports podcasts! I got the inspiration for my project from a robotics competition a few years ago, where I was looking at food safety. My next step is to try and make my innovation marketable. My advice for others would be to choose a topic that interests them because it makes it a lot easier to be successful!

Prix	Valeur
Prix du défi - Innovation - Junior Commanditaire: BlackBerry	500,00 $
Prix d'excellence - Junior - Médaille d'or Commanditaire: Sciences jeunesse Canada	700,00 $
Bourse d'études de Western University Médaillé d'or - Bourse d'admission de 4 000 $ Commanditaire: Université Western	4 000,00 $
Total	5 200,00 $