

CWSF 2017 - Regina, Saskatchewan



Excellence Madukwe

Detection of antibiotic resistant genes found in E. coli bacteria and phage

Challenge: Environment

Category: Intermediate

Region: Manitoba Schools Science Symposium

City: Winnipeg , MB

School: Acadia School

Abstract: Antibiotic resistance in bacteria has become an increasing problem and this is mainly due to the misuse and greater usage of antibiotics in the world today. The main goal was to detect a relationship between the antibiotic resistant genes in E.coli bacteria and bacteriophage through different assays which will indicate the transfer of these genes from the phage to the bacteria.

Biography

My name is Excellence Madukwe. I am a grade 9 student at Acadia Junior High in Winnipeg Manitoba. I am involved in student run charity clubs at school as well as choir. I enjoy reading. I plan to go to university after grade 12 and enter medical school. I eventually want to become a surgeon.