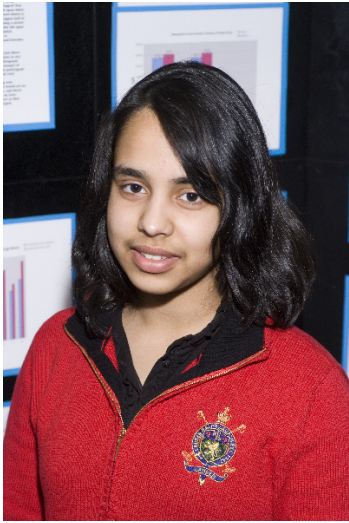


CWSF 2009 - Winnipeg, Manitoba



Anita Pandey

Cognition = Improved Immunity and Mobility

Division: Physical & Mathematical Sciences / None

Category: Junior

Region: Northern Manitoba

City: Thompson, MB

School: Burntwood School

Abstract: I tested whether cognition improves a middle-aged individual's cellular immunity and hemoglobin count by cognitively stimulating twelve participants for one hour through a game of chess. Twelve subjects sat idly during this time. A blood sample was taken from each subject's arm before and after the hour. Cognitively stimulated participants experienced a rise in these blood component levels. The idle participants, experienced no significant change.

Biography

My name is Anita Pandey. I go to Burntwood school, I am in grade eight, in Thompson Manitoba. My hobbies include singing, reading, and playing with friends and siblings. Over the years I have won awards concerning science fair, vocal and speech activities. My heritage is from India, but I was born in Winnipeg. I am generally a friendly and outgoing person and hope to have a career in medicine in the future.