

CWSF 2009 - Winnipeg, Manitoba



Leo Itturiligaq, Georgina Putulik

Ikkii! It's Freezing!

Division: Life Sciences / Environmental Innovation

Category: Senior

Region: Kivalliq

City: Repulse Bay, NU

School: Tusarvik School

Abstract: This project studied the biological adaptations Inuit have to the cold. Body mass index (BMI), body surface area (BSA), and blood pressure of Inuit and non-Inuit subjects were measured. Inuit were found to have a higher BMI, but a lower BSA, showing a relationship between these variables and the ability to stay warm. No correlation between blood pressure and cold adaptation were discovered.

Biographies

Leo - I live in Repulse Bay, NU. I enjoy playing volleyball and my team won gold at the Territorials this year. I also play badminton and table tennis. In the summer, I enjoy Narwhal hunting and in the spring I hunt caribou. I like spending time with my family, which includes my two-year old son, Bryce. When I graduate, I plan to attend Red River College and study business management.

Georgina - I live in Repulse Bay, NU, a community on the Arctic Circle. I like playing badminton and this year was a coach for the school team. In 2008, I was a participant in the Northern Aboriginal Indigenous Games in BC. Recently, I took part in a youth conference about violence and drug abuse, also in BC. I enjoy sewing and have made parkas for myself and my family. When I graduate, I plan to attend the Nunavut Teacher Education Program in Rankin Inlet, NU.