

CWSF 2007 - Truro, Nova Scotia



Cassandra Fong

Liar, Liar, Your Stomach's on Fire

Division: Life Sciences / None

Category: Senior

Region: Greater Vancouver

City: Vancouver, BC

School: Britannia Community Secondary

Abstract: This project undertook the task of showing a specific relationship between the central nervous system and the enteric nervous system by showing that the gastrointestinal tract is uniquely sensitive to mental stress. Volunteers underwent testing with an electrocardiogram and electrogastrogram in stimulated stressful environments. When a person lies, their stomach frequency corresponds, showing a closer relationship than the the polygraph.

Biography

I am an extremely involved person passionate about many things. I snowboard, participate in track and field, and play ultimate on BC's highest ranked ultimate team. I am a second degree black belt and have won nationals in tae kwon do. I've also been the president of the Vancouver Chinatown Leos club for the past two years. (The Leo club is a non-profit, charitable organization, a branch from the international network of Lion's clubs)