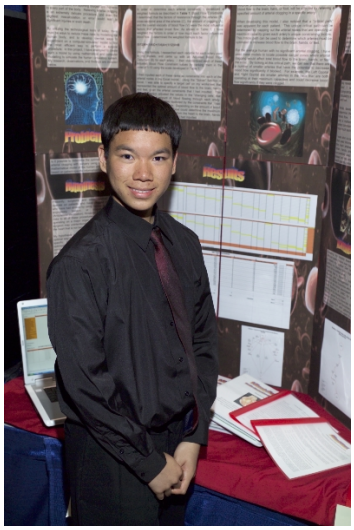
CWSF 2006 - Saguenay, Québec



Brian Le

A Bloody Network: Traffic Control for the Arteries

Division: Life Sciences
Category: Intermediate
Region: Central Interior British Columbia
City: Prince George, BC
School: Kelly Road Secondary

Abstract: The purpose of this project is to develop a computerized system which determines the optimal way to relieve arterial clogging using patient-specific information. This system will integrate information of the main arteries into Microsoft Excel and simulate blood flow. I hope to provide doctors with an effective way to determine optimal procedures by using this system to perform train-and-error and, sensitivity analysis prior to surgery.

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