

CWSF 2005 - Vancouver, British Columbia



Michael Lyon

Breast Feeding and the Biomarkers of Heart Disease

Division: Health Sciences

Category: Intermediate

Region: Bluewater

City: Meaford, ON

School: Georgian Bay Secondary School

Abstract: I designed an experiment to determine if the unique nutritional contents of breast-milk, compared to formula, would have a beneficial effect on selected biomarkers of atherosclerosis in young adults. I found significant suppression of lipid and inflammatory biomarkers in breast-fed subjects suggesting a long-term protective effect of breast-milk on future heart disease.

Awards	Value
Petro-Canada Peer Innovation Award - Intermediate - Ontario South Sponsor: Petro-Canada	\$200
The University of Western Ontario Scholarship Silver Medallist - \$1500 Entrance Scholarship Sponsor: University of Western Ontario	\$1 500
Silver Medal - Health Sciences - Intermediate Sponsor: Canadian Institutes of Health Research	\$700
Total	\$2 400