

CWSF 2005 - Vancouver, British Columbia



Mackenzie Lister

Knot Theory

Division: Physical & Mathematical Sciences

Category: Senior

Region: New Brunswick

City: St. Stephen, NB

School: St. Stephen High School

Abstract: Knot Theory is the study of knots; it deals with the properties that no amount of physical manipulation can change. The invariants of Knot Theory are directly applicable to the duplication of DNA. Knot Theory provides clues that may help lead to the structural correction of DNA.

Awards	Value
The University of Western Ontario Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: University of Western Ontario	\$1 000
Bronze Medal - Physical & Mathematical Sciences - Senior Sponsor: Encana Corporation	\$300
Total	\$1 300