

CWSF 2006 - Saguenay, Québec



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Genetics: The Game of The Future

Division: Physical & Mathematical Sciences

Category: Senior

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Abstract: This project examined coevolutionary principles. In an experiment, yeast species were observed when placed in a competitive environment. Phenomena characteristic of coevolution (eg: population changes) were noted. In addition, a model was developed in which coevolutionary principles were applied and tested. To facilitate the natural processes of mortality, a formula was developed. When statistically analyzed, the model's results were congruent with principles of Natural Selection.

Awards	Value
Petro-Canada Peer Innovation Award - Senior - Atlantic Sponsor: Petro-Canada	\$200
UBC Science (Vancouver) Entrance Award Senior Gold Medallist - \$4000 Entrance Scholarship Sponsor: The University of British Columbia (Vancouver)	\$4 000
The University of Western Ontario Scholarship Gold Medallist - \$2000 Entrance Scholarship Sponsor: University of Western Ontario	\$2 000
Gold Medal - Life Sciences - Senior Sponsor: Pfizer Canada	\$1 500
Total	\$7 700