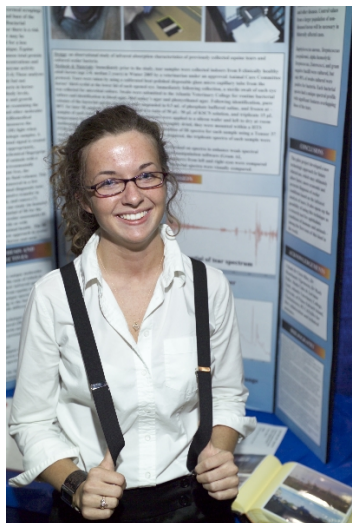


CWSF 2006 - Saguenay, Québec



Whitney Kelly-Clark

Infrared Analysis of Equine Tears

Division: Biotechnology

Category: Senior

Region: Prince Edward Island

City: Charlottetown, PE

School: Charlottetown Rural H.S.

Abstract: With new innovation and new knowledge, this project studied (for the first time ever) the feasibility of using FTIR for the early establishment and diagnosis of equine ocular disease through tear drops collected from horses. Bacterial cultures were cultivated from the tears. Was found to be an excellent means of diagnosis because a control was found, and spectra differ greatly from one another.

Awards	Value
Honourable Mention - Biotechnology & Pharmaceutical Sciences Senior Sponsor: Rx&D Health Research Foundation	\$100
Total	\$100