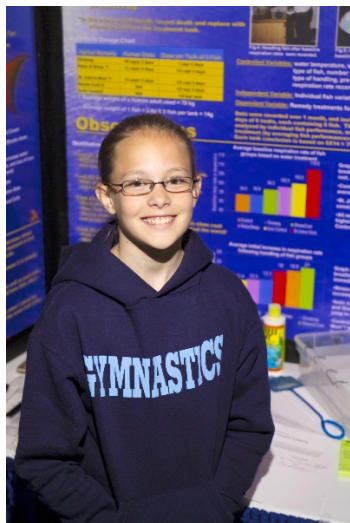


# CWSF 2005 - Vancouver, British Columbia



## Blaire Stewart

### Fishy Business - The Effects of Herbal Remedies on Intensively Managed Fish

**Division:** Biotechnology

**Category:** Junior

**Region:** Chatham-Kent

**City:** Chatham, ON

**School:** Gregory Drive Public School

**Abstract:** Can handling stress be reduced in fish using human herbal remedies? The effects of St. John's Wort(TM), Ginseng, Relax and Sleep(TM) and fish Stress Coat(R) on respiratory rates following handling of fish was evaluated. Human herbal remedies did seem to reduce the handling response and may have applications in fish-farming.

Awards	Value
The University of Western Ontario Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: University of Western Ontario	\$1 000
Bronze Medal - Biotechnology & Pharmaceutical Sciences - Junior Sponsor: Rx&D Health Research Foundation	\$300
Total	\$1 300