

## CWSF 2006 - Saguenay, Québec



### Leslie Mahoney

#### **Different Growth Rates in Young-of-the-Year Mountain Whitefish in Southern Alberta**

**Division:** Engineering & Computing Sciences

**Category:** Senior

**Region:** Lethbridge

**City:** Lethbridge, AB

**School:** Winston Churchill High School

**Abstract:** Fork lengths of young-of-the-year mountain whitefish from the same population, but from three different sites, in southern Alberta were compared. No statistical difference was expected. A significant difference was found with fork lengths positively related to average weekly water temperature. This suggests that environmental factors affected the rate of growth.