

CWSF 2008 - Ottawa, Ontario



Graham Batty

Left? or Right? - Lateral Dominance in Cats

Division: Physical & Mathematical Sciences / None

Category: Intermediate

Region: Victoria County

City: Lindsay, ON

School: Lindsay Collegiate and Vocational Institute

Abstract: Lateral dominance was tested in 100+ housecats. A statistically significant (95% level or higher) pattern of preference was found with female cats showing preference for the left side when compared to male cats. Paw preference was tested over two years (2007/2008) with male cats showing significant (95% level or higher) right paw preference and female cats showing significant left paw preference during problem solving.

Biography

I am a grade nine student from Lindsay Collegiate and Vocational Institute in Lindsay, Ontario. I participated in the 2007 Canada-Wide Science Fair in Truro, Nova Scotia, and enjoyed it. My favourite subjects include Math, Science, History, Geography, and French. I love pets, especially cats! I have had the opportunity to serve as a grade representative on my school's Students' Administrative Council. I have participated in the Pascal Mathematics Contest for Grade Nine students, run by the University of Waterloo. In the winter, I like to cross-country ski and curl. In the summer, I like to swim and bicycle. In my spare time, I enjoy reading. I keep myself up-to-date in current affairs and events. I currently serve on the Executive Board for the Haliburton?Kawartha Lakes?Brock NDP Riding Association. I have actively campaigned in the federal elections of 2004 and 2006, as well as the provincial election of 2007. In addition, I also serve of the Official Board of the Oakwood United Church. I have personally met David Suzuki, Maude Barlow, Howard Hampton, and Jack Layton. My career plans include Law and Politics. My ultimate goal is to become the Prime Minister of Canada.

Awards

Value

The University of Western Ontario Scholarship	\$1 500
Silver Medallist - \$1500 Entrance Scholarship Sponsor: University of Western Ontario	
Silver Medal - Life Sciences - Intermediate Sponsor: Pfizer Canada	\$700
Total	\$2 200