



**CALIFORNIA STATE SCIENCE FAIR
2002 PROJECT SUMMARY**

Name(s) Laura M. Bustillos	Project Number J1004
Project Title Left, Left, Left, Right,... Left? Are Most Horses Left Handed or Right Handed?	
Abstract Objectives/Goals The objective of my project was to find whether most horses were left handed or right handed. I believed that most horses were left handed and I wanted to see if this was true or not. Methods/Materials I used 25 horses to do my experiment. I rode each horse over a jump to see which lead they were most comfortable with. If the horse was in a right lead canter (a canter where the right leg leads in front) this would mean that the horse was right handed. If the horse was in a left lead canter (a canter where the left leg leads in front) this would mean that the horse was left handed. To be sure of this, I jumped each horse 10 times. Results Out of the 25 horses, 7 of them were right handed and 18 of them were left handed. Conclusions/Discussion My objective was proven and my hypothesis was supported. My results proved that my hypothesis was correct. Most horses are left handed. When I tried to get each horse in the opposite lead in which they were most comfortable with, I found it was quite difficult and it didn't look as attractive as when they were in their natural lead.	
Summary Statement I first thought that most horses were left handed, so I tested it out and found that my hypothesis was correct and that most horses are left handed.	
Help Received My friend Alex Stratman helped me by jumping 5 of the horses.	