



**CALIFORNIA STATE SCIENCE FAIR  
2002 PROJECT SUMMARY**

<b>Name(s)</b> <b>Laura M. Bustillos</b>	<b>Project Number</b>  22803
<b>Project Title</b> <b>Left, Left, Left, Right,... Left? Are Most Horses Left Handed or Right Handed?</b>	
<p style="text-align: center;"><b>Abstract</b></p> <p><b>Objectives/Goals</b> The objective of my project was to find whether most horses were left handed or right handed. I believe that most horses were left handed and I wanted to see if this was true or not.</p> <p><b>Methods/Materials</b> 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.</p> <p><b>Results</b> Out of the 25 horses, 7 of them were right handed and 18 of them were left handed.</p> <p><b>Conclusions/Discussion</b> 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.</p>	
<b>Summary Statement</b> 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.	
<b>Help Received</b> My friend Alex Stratman helped me by jumping 5 of the horses.	