



**CALIFORNIA STATE SCIENCE FAIR
2012 PROJECT SUMMARY**

Name(s) William H. deBruyn Kops	Project Number J0713
Project Title The Correlation between Brain Dominance and the Introvert/Extrovert Personality Trait	
Abstract Objectives/Goals This project was to determine if there is a correlation between the dominance of one side of the brain, and the trait of having an extroverted or introverted personality. It was hypothesized that if a person's right side of their brain is dominant, then she/he will be more likely to be an extrovert than a person whose left side of his brain is dominant. Methods/Materials 415 students were given a test to figure out if they were an introvert or an extrovert, and if they were left-brain dominant or right-brain dominant. I then figured out if there was a correlation between these traits. Results I found that 94% of right-brain dominant people were extroverts, whereas 75% of left-brain dominant people were extroverts. Conclusions/Discussion Therefore, the hypothesis was proven correct, and right-brain dominant people are more often extroverts than left-brain dominant people.	
Summary Statement The main goal of this project was to find a correlation between the dominance of one side of the brain, and the trait of having an extroverted or introverted personality.	
Help Received Mother helped teach me how to make board look attractive.	