



**CALIFORNIA STATE SCIENCE FAIR
2011 PROJECT SUMMARY**

Name(s) Peter S. Oh	Project Number J0417
Project Title Human Reaction Time	
Abstract	
Objectives/Goals My goal was to find out which age group is the fastest age groups 10-12 year olds 20-30 year olds 40-50 year olds 60-70 year olds	
Methods/Materials -a yard stick -20 men - 5 people for 4 different age groups -recording sheets -a pencil	
Results 1st Place Fastest 20-30 2nd Place 40-50 3rd place 10-12 Last Place Slowest 60-70	
Conclusions/Discussion Conclusion: My hypothesis was kind of correct. I said that the oldest group would have the slowest reaction time. I also guessed that because my research says a brain works the best around 20 years old, I thought that the 20-30 year old group would have the fastest reaction time and they did. But I thought the youngest group would have been a little faster so I was shocked that it was slower than the 40-50 year old group. My results on average supported my hypothesis though. The average results were the youngest group was slow. The 2nd group was the fastest. The 3rd group was the next fastest. The oldest age group was the slowest. I said that the oldest group would be the slowest because their brain cells were lost as they got older, which slows down their brain. The 2nd group (20-30 year olds) was at the age where the brain is the strongest and best developed it made sense to me that they could be fast with their brain and reactions.	
Summary Statement How does age affect a humans reaction time?	
Help Received My sister helped me type my report.	