



**CALIFORNIA STATE SCIENCE FAIR
2013 PROJECT SUMMARY**

Name(s) Devin M. Derecho	Project Number J0405
Project Title STOP	
<p style="text-align: center;">Abstract</p> <p>Objectives/Goals My project was to determine if drivers are more likely to come to complete stops at a stop sign when they know that someone is watching them.</p> <p>Methods/Materials I went to the chosen stop sign for a half an hour, at the same time, every day for 20 days. For the first ten days, I was hidden from the drivers, and for the last ten days, I was visible to the drivers. Using a thermometer, notebook, clipboard, and pen, I first recorded the temperature and weather conditions each day. Then, I recorded how many drivers came to a complete stop, how many rolled through the stop sign, and how many ran the stop sign.</p> <p>Results More people came to a complete stop when I was visible than when I was hidden. When I was hidden, an average of 34.91% of the drivers came to a complete stop, as opposed to when I was visible, 40.67% of the people came to a complete stop. Approximately 64.77% of drivers rolled through the stop sign when I was hidden, and 58.91% when I was visible. Not many people ran the stop sign in total: hidden was .32% and visible was .42%.</p> <p>Conclusions/Discussion From this research, I conclude that people behave differently when they know they are being watched.</p>	
Summary Statement My project is about human nature and whether people will change their behavior when they know they are being watched.	
Help Received Mother and babysitter helped with editing; science teacher helped me choose this project out of my three ideas.	