



**CALIFORNIA STATE SCIENCE FAIR  
2017 PROJECT SUMMARY**

<b>Name(s)</b> Erik Quiroz; Sriram Tipirneni	<b>Project Number</b> <b>J0119</b>
<b>Project Title</b> <b>Wide Plane vs. Narrow Plane: Which Paper Airplane Flies Farther?</b>	
<p style="text-align: center;"><b>Abstract</b></p> <p><b>Objectives/Goals</b> The objective of this study is to determine which design flies farther, a wide plane or a long narrow plane.</p> <p><b>Methods/Materials</b> 10 wide paper airplanes, 10 long narrow paper airplanes, tape measure. We threw each airplane in our our backyard on a calm day. We threw each plane from the same starting point. We measured the distance traveled for each airplane and recorded the data.</p> <p><b>Results</b> The wide planes traveled an average distance of 30 feet 2 inches. The long narrow planes traveled an average of 21 feet and 3 inches.</p> <p><b>Conclusions/Discussion</b> The wide planes traveled an average of 9 feet 1 inch farther than the long narrow planes.</p>	
<b>Summary Statement</b> We determined that wide airplane designs fly farther than long narrow designs.	
<b>Help Received</b> My dad showed us how to create the graphs in Excel.	