



**CALIFORNIA STATE SCIENCE FAIR
2013 PROJECT SUMMARY**

Name(s) Julia V. Vaughan	Project Number J2220
Project Title Do Peanuts Make Eggs Larger?	
Objectives/Goals This project was to see if the protein from peanuts would make chickens lay larger eggs. The hypothesis is that the eggs will get larger.	
Abstract	
Methods/Materials Method: Feed chickens 4 cups of chicken food pellets and collect eggs daily for 5 days. Measure weight, width, length, and circumference of collected eggs. Record Data. Feed chickens 2 cups of raw, unsalted peanuts and 2 cups of chicken food pellets for 1 week. Collect eggs daily for 5 days. Measure weight, width, length, and circumference of eggs. Record Data. Review data and conclude what happened to egg size. Make a conclusion. Materials: Chickens Chicken feed Raw and unsalted peanuts A ruler A tape measure A scale A box to help measure width and length	
Results The results were that yes, the protein from the peanuts did make the eggs larger but the changes weren't large and varied. One day the measurements increased, and the next day they decreased.	
Conclusions/Discussion I can conclude that the protein from the peanuts did make the eggs larger in the end, but the changes in size varied, it was inconsistent and went up and down, but at the end of each graph the measurements were higher than when the experiment began. I thought that a person could sell larger eggs for more money so if they fed chickens peanuts they could get bigger eggs, but it turns out that peanuts cost a lot more money. Even if larger eggs make more than smaller eggs, the difference in the price is just a few cents, so it would make more sense to buy normal chicken feed.	
Summary Statement My project was to see if the protein from peanuts will make chicken eggs larger.	
Help Received Grandfather helped feed the chickens the amount of peanuts and chicken feed I requested.	