



**CALIFORNIA STATE SCIENCE FAIR  
2016 PROJECT SUMMARY**

<b>Name(s)</b> Will A. Myatt	<b>Project Number</b>  36505
<b>Project Title</b> <b>Clash of the Creams: Which Skin Moisturizer Prevents the Greatest Amount of Moisture Evaporation?</b>	
<p style="text-align: center;"><b>Abstract</b></p> <p><b>Objectives/Goals</b> The objective of my experiment was to find out which skin moisturizer prevented the greatest amount of moisture evaporation.</p> <p><b>Methods/Materials</b> Petri Dishes, Gelatin, Skin Moisturizers, Scale, Ruler, Measuring Tools. I weighed and measured Petri dishes of gelatin and skin moisturizers over the course of one week.</p> <p><b>Results</b> I applied one tablespoon of each moisturizer to each petri dish. I had three petri dishes for each moisturizer (+ 3 controls). I weighed and measured each dish every day at the same time to calculate the percentage of moisture loss.</p> <p><b>Conclusions/Discussion</b> After finding the percentage of moisture loss for each moisturizer, I found that Coconut Oil prevented the greatest amount of moisture loss. This shows that a natural moisturizer has the power to be better than human created moisturizers.</p>	
<b>Summary Statement</b> After testing various moisturizers, I found that Coconut Oil was the best at preventing moisture evaporation.	
<b>Help Received</b> My parents helped me on writing Excel formulas. The rest of the project was done myself.	