



**CALIFORNIA STATE SCIENCE FAIR  
2015 PROJECT SUMMARY**

<b>Name(s)</b> Chloe Breen; Jade Doyle	<b>Project Number</b> <b>S1006</b>
<b>Project Title</b> <b>Biofermentation</b>	
<p style="text-align: center;"><b>Abstract</b></p> <p><b>Objectives/Goals</b> My objective is to see if I can successfully convert goat manure and grape pomace into biofuel</p> <p><b>Methods/Materials</b> grape pomace ,goat manure, 50 gallon empty drums, totes, pvc pipe</p> <p><b>Results</b> goat manure will produce 2 gallons of methane each week.grape pomace will produce no gas until approximately 8 weeks after creation in which it will produce one gallon of carbon dioxide.</p> <p><b>Conclusions/Discussion</b> experiment was successful</p>	
<b>Summary Statement</b> My project is about successfully converting goat manure and grape pomace into renewable biofuel.	
<b>Help Received</b> Partner Jade helped brain storm to make project come to fruition. My step dad helped construct bio fermentater.	