



**CALIFORNIA SCIENCE & ENGINEERING FAIR  
2019 PROJECT SUMMARY**

<b>Name(s)</b> <b>Carys Thompson</b>	<b>Project Number</b> <b>J1916</b>
<b>Project Title</b> <b>Trapping the Kitchen Pest</b>	
<p style="text-align: center;"><b>Abstract</b></p> <p><b>Objectives</b> An experiment was conducted to scientifically investigate which among the commercially available fruit fly traps (BEAPCO Drop In, Aunt Fannies Fly Punch, Terro Fruit Fly Trap) and homemade fruit fly traps (apple cider vinegar, and soda) will collect the most fruit flies</p> <p><b>Methods</b> To summarize the procedure, it is necessary to start with collecting the traps that are being tested and culture of fruit flies. Fill in the traps with the liquid that is being tested and place it under a mesh food cover along with the culture of fruit flies. Arrange the item in a circle, with the fruit flies in the middle. Quickly undo the lid to the culture of fruit flies.</p> <p><b>Results</b> The outcome finalized with the experiment were the results that fruit flies are attracted to traps that contain sugar which, by reasoning that fruit flies are attracted to fermenting sugar, is found the most in Aunt Fannies Fruit Fly Punch which the fruit flies were more drawn to.</p> <p><b>Conclusions</b> It is therefore concluded that the hypothesis is rejected. The hypothesis is that the commercially available fruit fly trap ,BEAPCO Drop In, will receive the most amount of fruit flies. To defy the hypothesis, Aunt Fannies Fruit Fly Punch received the most amount of fruit flies, therefore rejecting the hypothesis.</p>	
<b>Summary Statement</b> My project was designed to determined which kind of homemade or commercially available fruit fly trap would trap the most amount of fruit flies and prove successful	
<b>Help Received</b> My father drove me to the store and bought my materials	