



**CALIFORNIA STATE SCIENCE FAIR  
2004 PROJECT SUMMARY**

<b>Name(s)</b> <b>Mitzi Torres</b>	<b>Project Number</b> <b>J0926</b>
<b>Project Title</b> <b>Determining if Oral Bacteria Can Be Transported by Culex pipen</b>	
<b>Abstract</b> <b>Objectives/Goals</b> The goal of my project is to determine if culex pipen (mosquito specie), is able to transport oral bacteria (bacillus). <b>Methods/Materials</b> Bacillus was obtained from my mouth to apply on ten petri dishes with three Q-tips. The agar was used as the jelly base of the petri dishes. A large tank with a lid was used to pu the petri dishes and mosquitoes in; the sugar water was the "food" that would keep around 100 culex pipen alive. <b>Results</b> The least amount of cultures grown was 12 and the most amounts were 35 cultures. The average amount of the cultures was 22.75. The bacillus used in my experiment was obtained from my mouth. The results obtained proved that the mosquitoes transported the bacillus. <b>Conclusions/Discussion</b> Culex pipen, the common house mosquito, was able to transport the bacillus. With my experiment, I can conclude that mosquitoes can transport bacteria. This brings one more reason to continue the efforts to abate mosquitoes worldwide. You don't have to be a rocket scientist to do it, but you can help by not keeping containers of stagnant water which is a nesting place for mosquitoes.	
<b>Summary Statement</b> My project is about finding out if mosquitoes are able to transport bacillus which could lead to illnesses.	
<b>Help Received</b> My mom gave suggestions on my project and my dad cut my board. I received the mosquitoes from mr. Charlie Smith consolidated mosquito Abatement District. Mr. Edward Case gave suggestions and corrected some of my papers; my uncle helped me do my flowchart .	