



**CALIFORNIA STATE SCIENCE FAIR  
2011 PROJECT SUMMARY**

<b>Name(s)</b> <b>Isela Huerta</b>	<b>Project Number</b>  31185
<b>Project Title</b> <b>Determining the Amount of Bacteria on New and Used Silly Bands</b>	
<p style="text-align: center;"><b>Abstract</b></p> <p><b>Objectives/Goals</b> My objective was to determine the amount of bacteria silly bands contain and if they can be dangerous.</p> <p><b>Methods/Materials</b> 10 new petri dishes,new cotton swabs,1 pen,1 sharpie,5 randomly picked used silly bands,5 randomly picked new silly bands,clear cellophane tape,new latex gloves.Firstly rubed the silly band with a cotton swab.Then I s-streaked the petri dish with the affected cotton swab.Sealed the petri dish,and let it sit for 48 hours.After 48 hours I finnaly counted the number of bacterial colonies and recorded the results.</p> <p><b>Results</b> My results were that over all used silly bands contain more bacteria than new ones.Although new silly bands do contain bacteria.</p> <p><b>Conclusions/Discussion</b> My hypothesis was correct used silly bands had more bacteria.Silly Bands are dangerous,contain bacteria,and could cause serious problems.</p>	
<b>Summary Statement</b> My project is about determining the amount of bacteria on new and used silly bands.	
<b>Help Received</b> My mom took pictures while I was doing the steps,and my coach helped me tape the info. on to my board.	