



**CALIFORNIA STATE SCIENCE FAIR  
2015 PROJECT SUMMARY**

<b>Name(s)</b> <b>Madison M. Mattern</b>	<b>Project Number</b> <b>J1514</b>
<b>Project Title</b> <b>Door #1 or Door #2? Does the Choice of Bathroom Stall Matter to You?</b>	
<div><div><b>Objectives/Goals</b> My goal was to see which bathroom stall door handle would have the most bacteria. The girls and boys bathroom were tested. The first, second, or third stall was the experiment?</div><div><b>Methods/Materials</b> We used School bathroom stalls ( girls and boys), Latex gloves, Sterilized Q-Tips, Agar dish with Agar, and an incubator. These are the critical tools used in this experiment.</div><div><b>Results</b> In the girls bathroom the second stall has more bacteria than the first and third stalls. In the boys bathroom the second stall has more bacteria than the first stall.</div><div><b>Conclusions/Discussion</b> After completing the investigation. The girls second stall has the most bacteria and that the second stall in the boys bathroom has the most bacterial.</div></div>	
<b>Summary Statement</b> Which stall has the most bacteria on the door handle in the girls and boys bathroom. The first, second, or third stall?	
<b>Help Received</b> I used my teachers, school facilities and parents to construct my testing to come to my conclusions.	