



**CALIFORNIA STATE SCIENCE FAIR
2005 PROJECT SUMMARY**

Name(s) H. Sabreena Rana	Project Number S1415
Project Title TSV Infected Shrimp	
<p style="text-align: center;">Abstract</p> <p>Objectives/Goals My objective was to see if pacific white shrimp that are not infected with Taura Syndrome and are fed with green tea for a certain period, and then exposed to shrimp that are infected with TSV what would happen to the non-infected shrimp?</p> <p>Methods/Materials To test this I had equal number of infected and non-infected shrimp in two different tanks. I mixed green tea into the non-infected shrimp's food to boost their immune system. I then mixed the infected shrimp with the non-infected. By doing this I was able to see if the shrimp that were non-infected became infected and the rate of that it occurred.</p> <p>Results My results were pretty self-explanatory, the green tea did have some effect on the shrimp of how fast the shrimp were getting the virus, but it didn't help as much as we need it to help.</p> <p>Conclusions/Discussion If there are non-infected shrimp that are fed with green tea for a period of four days and then exposed to shrimp that are infected with the virus, then about half will be infected.</p>	
Summary Statement TSV non-infected shrimp were given a immune system enhancer (green tea) and then exposed to a TSV infected shrimp.	
Help Received Grandfather help me get the shrimp tested in my experiment.	