



**CALIFORNIA STATE SCIENCE FAIR  
2009 PROJECT SUMMARY**

<b>Name(s)</b> <b>Alexander P. Padilla</b>	<b>Project Number</b> <b>S1818</b>
<b>Project Title</b> <b>Effects of Supplemental Nutrients on Mus musculus</b>	
<b>Abstract</b> <b>Objectives/Goals</b> Determine the effects of vitamins on a mouse's ability to complete a maze. <b>Methods/Materials</b> 250 Ball Point Pins, 1 304.8cmx609.6cm bag of pine shavings, 2 boxes of mouse pellets, 8 Mus Musculus(4male, 4 female), 4 foam boards 508.cm x76.2cm, Clear White Trash Bags(one per mouse per trial), 1 532.3mL water feeder, 1 stopwatch, 1 bottle Centrum Silver Multivitamins, 1 bottle Centrum Silver Energy Mutlivitamins, 1 bottle Centrum for Men Multivitamins <b>Results</b> The mice were affected positively and resembled the shape of a reverse sigmoid growth curve when graphed. <b>Conclusions/Discussion</b> Vitamins positively affect the ability of a mouse to complete a maze but it cannot be said exactly why because of the many parts of the body affected by vitamins.	
<b>Summary Statement</b> Investigation into possible positive side effects of supplemental vitamins on living organisms.	
<b>Help Received</b> None	