



**CALIFORNIA STATE SCIENCE FAIR  
2008 PROJECT SUMMARY**

|   |                                       |
|---|---------------------------------------|
| <b>Name(s)</b><br><b>Amanda D. Parrill</b>  | <b>Project Number</b><br><b>J1124</b> |
| <b>Project Title</b><br><b>Mighty Mouse</b>   |                                       |
| <b>Abstract</b><br><b>Objectives/Goals</b><br>My main goal was to determine if the food made to keep mice healthy would make them gain mor weight, or if the really, really cheap food would make them gain more weight.<br><b>Methods/Materials</b><br>First I went to the pet store and picked out six different colored mice and got their cages, food (1 basic food, and 1 with lots of nutrients in it), water bottles, etc. Once at home I put their cages together and split them into two different groups (two cages) to distinguish which mouse would get whick food. Every three days I weighed them and put my data in my logbook. about three times a day, I had to refill the food, and about every three days, i had to refill the water. *Materials* six different colored mice, two 10 gallon tanks, digital scale, mouse food that contains vitamins, basic mice food with only basic nutrients, two turn wheels, two water bottles and holders, bedding, chew toys, bucket to place mice in while weighing them, and bowls for the food.<br><b>Results</b><br>I found out that the mice that ate the basic food gained more weight than the mice that ate the nutritional food. this happened because the basic food had more fat in it. I also realized that the mice that ate the nutritional food ran in the wheel more.<br><b>Conclusions/Discussion</b><br>In the end, my hypothesis was wrong. I thought that the mice who ate the nutritional food would gain more weight. the mice that ate the basic food ended gaining more weight. This is because the basic food had more fat in it. |                                       |
| <b>Summary Statement</b><br>My project is about determining whether the nutritional food or the cheap, basic food would make a mouse gain more weight.  |                                       |
| <b>Help Received</b><br>Dad help print graphs   |                                       |