



**CALIFORNIA STATE SCIENCE FAIR
2006 PROJECT SUMMARY**

Name(s) Anna K. Dewey	Project Number S1204
Project Title Predictive Analysis using Linear Regression	
Abstract Objectives/Goals To determine if linear regression can be used to accurately predict results of a given experiment. Methods/Materials All you need for this project is microsoft word to be used in conjunction with excel, to calculate linear regression using existing data. Results I found that if the data is linear, than the accuracy of the formula is superb. Good data is required to accurately predict endpoints using mathematical equations. Conclusions/Discussion The key to using probability is to accurately model formula to known results.	
Summary Statement Using linear regression equations to predict end results of data.	
Help Received	