



**CALIFORNIA STATE SCIENCE FAIR  
2002 PROJECT SUMMARY**

<b>Name(s)</b> Won T. Choi; Sheen H. Tran	<b>Project Number</b> <b>S1303</b>
<b>Project Title</b> <b>Blue-Green Algae in Lake Elsinore: Second Year Study</b>	
<b>Abstract</b> <b>Objectives/Goals</b> To find out why algae concentration is high in Lake Elsinore and to extricate it. <b>Methods/Materials</b> Dissolved oxygen concentration test kit. Nitrate concentration test kit. Phosphate concentration test kit. <b>Results</b> Many agricultural and industrial run-offs caused algae to bloom. Copper II sulfate, Cutrine Plus and Barley Straw is used to extricate the algae. Barley straw was the most effective and safe with surrounding environment. <b>Conclusions/Discussion</b> Barley Straw takes time to decompose, but once it decomposes, it showed the highest rate of reducing algae while it wasn't harmful to the surrounding environment.	
<b>Summary Statement</b> Reduce algae in Lake Elsinore to the safe level.	
<b>Help Received</b> Test kit provided by La Sierra High School, Mr. Westover. Riverside Water Quality Control Board, Cindy Li, provided much valuable information.	