



**CALIFORNIA STATE SCIENCE FAIR
2002 PROJECT SUMMARY**

Name(s) Dave C. Andersen	Project Number J0801
Project Title Non-Chemical Methods of Sterilizing Water	
<p style="text-align: center;">Abstract</p> <p>Objectives/Goals My experiment tested the effectiveness of non-chemical water sterilization processes. I believed that non-chemical methods could be just as effective as the standard methods (chlorine).</p> <p>Methods/Materials I sterilized samples of lake water using the various non-chemical methods; then I streaked them into petri dishes.</p> <p>Results I discovered that most of the methods were successful in killing bacteria</p> <p>Conclusions/Discussion My hypothesis was correct because several of the methods were successful in killing bacteria. If I did this experiment again I would also test chlorine.</p>	
Summary Statement My project tested the effectiveness of non-chemical methods of water sterilization	
Help Received Used vacuum chamber and pressure chamber at Northrop Grumman	