



**CALIFORNIA SCIENCE & ENGINEERING FAIR  
2018 PROJECT SUMMARY**

<b>Name(s)</b> Tristan Conway; Trent Navo	<b>Project Number</b>  38229
<b>Project Title</b> Comparing Different Sport and Energy Drinks for their Boost Level Properties	
<p style="text-align: center;"><b>Abstract</b></p> <p><b>Objectives/Goals</b> Our objective was to test energy drinks and sports drinks for their boost level properties on daphnia.</p> <p><b>Methods/Materials</b> Obtained Daphnia, tested the heart rate before adding the sports and energy drinks. Added sports and energy drinks, recorded the heart rates and compared the two heart rates to see what boost level properties they contributed to the daphnia.</p> <p><b>Results</b> The results of our experiment were that the boost level properties of monster energy drink had the biggest effect on the daphnia. The sports drink that had the least effect on the daphnia was the gatorade.</p> <p><b>Conclusions/Discussion</b> From this experiment, we learned that the monster energy drink had the greatest effect on the daphnia and their heart rates. We also learned that gatorade did not have much an effect on the daphnia or their heart rates.</p>	
<b>Summary Statement</b> This project tests the boost level properties of red bull, monster, PowerAde and Gatorade.	
<b>Help Received</b> My science fair representative assisted with the design for the project and taught us how to do it on our way. Our science fair coach observed while we went through the procedure in her classroom.	