



**CALIFORNIA STATE SCIENCE FAIR
2012 PROJECT SUMMARY**

Name(s) Matt Hantke; John "Jack" Peterson	Project Number S0905
Project Title Which Types of Waves Will Create the Most Energy?	
Abstract Objectives/Goals To extract usable energy from ocean waves and find out which types of waves will create more energy. Methods/Materials Wood, Plastic Sheeting, Copper Wire, Neodymium Magnets, Water, Voltmeter, Metal Rod, PVC Pipe, and Corks. Results Small quick waves produced more energy, peaking at 160.56 mV. Conclusions/Discussion We concluded that the small quick waves will produce more energy than the large slow ones in the ocean.	
Summary Statement Extracting usable energy from ocean waves.	
Help Received Parents drank the wine to supply us with corks..	