



**CALIFORNIA STATE SCIENCE FAIR  
2011 PROJECT SUMMARY**

<b>Name(s)</b> <b>Jennifer D. Pena</b>	<b>Project Number</b> <b>J1019</b>
<b>Project Title</b> <b>Waste for Waste: Get a Hair Cut, Save a Beach</b>	
<p style="text-align: center;"><b>Abstract</b></p> <p><b>Objectives/Goals</b> The objective is to determine what type of human hair absorbs crude oil from salt and or fresh water the most.</p> <p><b>Methods/Materials</b> Nylon stockings, crude oil, iodized salt, water, plastic containers, barrel, beaker, measuring cups, gloves, apron</p> <p>Place nylon stocking stuffed with human hair of one variety and place in plastic container with crude oil</p> <p><b>Results</b> The brunette hair soaked up the most crude oil from the salt and fresh water.</p> <p><b>Conclusions/Discussion</b> My results supported my hypothesis, indicating the brunette hair would soak up the most crude oil. While researching, i was enlightened about the dangerous effects of oil spills and the chain reaction they cause.</p>	
<b>Summary Statement</b> Using human hair to soak up crude oil from water.	
<b>Help Received</b> Local hair shoppes helped collect hair; Mother helped take pictures; Grandfater helped with oil disposal.	