



**CALIFORNIA STATE SCIENCE FAIR  
2004 PROJECT SUMMARY**

<b>Name(s)</b> <b>Kylise J. Hare</b>	<b>Project Number</b> <b>S0311</b>
<b>Project Title</b> <b>Siamang-Orangutan Interactions</b>	
<b>Abstract</b> <b>Objectives/Goals</b> Orangutans and siamangs live in the same forest levels of the Sumatran rainforests, yet little is known about their interactions with each other and most of what is known is from anecdotes. This study was conducted to examine the intra- and interspecies interactions between the siamangs and orangutans recently (May 2003) housed together at the San Diego Zoo. <b>Methods/Materials</b> Thirty-eight hours of data on the interactions between the three siamangs and seven orangutans were taken in July and August, 2003. "Friendly" and "Nasty" behaviors were analyzed. <b>Results</b> Each species exhibited more "Friendly" behaviors towards their conspecifics than towards the other species. The siamangs exhibited more "Nasty" behaviors towards orangutans than orangutans exhibited towards siamangs. <b>Conclusions/Discussion</b> The hypothesis was rejected because the two apes did not generally ignore each other. Fifty-eight percent of the total siamang interactions were with orangutans and 39% of the orangutans# interactions were with the siamangs.	
<b>Summary Statement</b> The interactions between the orangutans and siamangs at the San Diego Zoo.	
<b>Help Received</b> Zoo Keeper Laura Debnar introduced me to the animals; researcher Valerie Hare advised me on my study design; architecture student Azlynn Hare drew exhibit maps for me.	