



**CALIFORNIA STATE SCIENCE FAIR  
2002 PROJECT SUMMARY**

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<b>Project Title</b> Mate Guarding	
<p style="text-align: center;"><b>Abstract</b></p> <p><b>Objectives/Goals</b> The objective of my project, was to determine which sex has greater levels of "mate guarding" (jealousy) in a relationship.</p> <p><b>Methods/Materials</b> Informed consent was obtained from 50 randomly selected high school students. There were 25 men and 25 women ranging from ages 15-18. Each couple was seperated and the subjects were observed (by me), while each person watched their mate interface with another "potential mate". To get a reading of the person's level of mate guarding, I counted how many times the mate looked over at their mate and the "potential mate". I also did extensive research on this subject, which involved reading previous abstracts and other human behavior research.</p> <p><b>Results</b> The average level of mate guarding in males and females was almost the exact same. The average level of mate guarding (number of looks), was 8.4 for males, and 8.3 for females. This means the research and the experiment, the level of mate guarding in males and females is equal.</p> <p><b>Conclusions/Discussion</b> My colclusion is that the average level of mate guarding in males and females is the same. They have equal levels of mate guarding.</p>	
<b>Summary Statement</b> To determine which sex has greater levels of mate guarding (jelaousy) in a relationship.	
<b>Help Received</b>	