



**CALIFORNIA STATE SCIENCE FAIR  
2002 PROJECT SUMMARY**

<b>Name(s)</b> Lily J. Collins	<b>Project Number</b>  22601
<b>Project Title</b> Fear Factor: Facing Your Fears	
<b>Objectives/Goals</b> I created this experiment to observe the difference between male and female's fears, where they originated from, and who is psychologically stronger in a sense of facing their fears males or females. <b>Abstract</b> <b>Methods/Materials</b> To do this experiment you need two hundred and fifty applicants from different areas of the world so the group of people are diverse. The applicants should range in age groups from six to twelve all the way to sixty and onward. Out of that two hundred and fifty there are one hundred and twenty-five males and one hundred and twenty-five females. You also need a question form with a series of specific questions referring to the topic. All you have to do is briefly explain the experiment and make the applicant feel comfortable about filling in the form. Then either you or the person may answer the questions. <b>Results</b> I discovered that boys are more able to face their fears over girls but as they mature and grow older, women become more able to face their fears over men. I also found that the top five fears were spiders, heights, enclosed spaces, animals, and public speaking. The most common fear with the elderly was that of death and or dying. I found out that in Europe the fear of animals was very common. In South America in Peru the main fears seemed to be of spiders and snakes and in the United States the fear of terrorist attacks or a death of a friend or family member was very common among the applicant's answers. <b>Conclusions/Discussion</b> In conclusion, I found out that females have more psychological fears than men do. Men were more afraid of situations and objects rather than psychological fears. Boys were psychologically stronger than girls in them being able to face their fears. This could be an effect of peer pressure and that the girls were not yet comfortable with themselves. However, as the girls grew older and matured, women were psychologically stronger than men. This could be due to the fact that as men grow older they become the head of the family and are more depended on where as women seemed to feel more confident in themselves.	
<b>Summary Statement</b> My project focuses on how male and female's fears differ and who is more able to face their fears, males or females.	
<b>Help Received</b> Mother drove me to the the tested areas.	