



# CALIFORNIA STATE SCIENCE FAIR 2015 PROJECT SUMMARY

<b>Name(s)</b> <b>Audrey L. Carman</b>	<b>Project Number</b> <b>S0401</b>
<b>Project Title</b> <b>What Are the Most Probable Anxiety Disorders in High School Adolescents?</b>	
<div><b>Objectives/Goals</b> TO determine the percentage of high school students who have Anxiety Disorders, what the percentage for each disorder, and if the percentage of females is higher than that of males.</div> <div><b>Methods/Materials</b> 1. 500 students, 2. 500 surveys</div> <div><b>Results</b> Number of people with a disorder: 255. Number of people without a disorder: 245. Total number of people: 500. Number of guys with a disorder: 83. Number of guys without a disorder: 134. Total number of guys: 217. Number of girls with a disorder: 172. Number of girls without a disorder: 111. Total number of girls: 283. Separation Anxiety: 112. Generalized Anxiety: 145. Selective Mutism: 45. Specific Phobia: 88. Social Anxiety: 134. Panic Disorder: 80. Agoraphobia: 63. Total: 667.</div> <div><b>Conclusions/Discussion</b> <p>Originally, my hypothesis contained my confidence in the outcome that would discover a strikingly high percentage of high school adolescents having a disorder or more, and that the percentage of females will be approximately 2x higher than that of males. With satisfaction, I can say that I was generally correct with my hypothesis. My data concluded that 51% of people out of the 500 that I surveyed had some type of a disorder, or more. That data falls directly in line with my prediction of the discovery of a strikingly high percentage for those who have a disorder. Similarly, 60.7% of the girls that were surveyed have some type of disorder, or more, while it was only 38% for the males. Technically, the girls had less than 2x the amount of disorders, but they were still 22.7% more.</p><p>Nevertheless, my data still presents the fact that a remarkably high number of high school adolescents still possess some aspects, if not more, of different types of anxiety disorders. With such data, I believe that it would be in the best interests of the students that the school not only reinvents its teaching, testing, and homework, but that it creates a network of support clubs. Also, there should be the development of annual psych tests to gauge the mental stability of us students. Conclusively, anxiety disorders are dangerously present in high school adolescents, and their needs to be an increase of attention bought to them; I hope my experiment accomplishes the increase of recognition.</p></div>	
<b>Summary Statement</b> Fueled by my own personal experiences, this project was created to analyze the frequency of students whose lives are affected by Anxiety Disorders	
<b>Help Received</b> None	