



**CALIFORNIA STATE SCIENCE FAIR  
2012 PROJECT SUMMARY**

<b>Name(s)</b> <b>Luz G. Almanza</b>	<b>Project Number</b> <b>J1201</b>
<b>Project Title</b> <b>The Effect of Age on Blood Pressure</b>	
<b>Abstract</b> <b>Objectives/Goals</b> My objective is to find out the effect of age on blood pressure. <b>Methods/Materials</b> Using an automatic blood pressure monitor and cuff (standard and child size), 62 second graders, 62 eighth graders and 62 adults were tested and their blood pressures were recorded. <b>Results</b> The second graders had the lowest blood pressure, followed by the eighth graders and the adults had the highest blood pressure. The averages for each group fell within the normal blood pressure range of <120 systolic and <80 diastolic. The difference between age groups was not significant. <b>Conclusions/Discussion</b> My hypothesis was supported by the data because age didn't have a significant effect on blood pressure. The results showed a slight increase in blood pressure with age, but not a significant one. All the average blood pressures were within the normal range. This information is useful to people who work in the health care field, because they need to know what a normal blood pressure is for every age.	
<b>Summary Statement</b> My project is about the effect of age on blood pressure.	
<b>Help Received</b> Mr. Arellano at Karl Clemens school let the student test his second graders.	