



Name(s)	Project Number
Zhi-Ren K. Liang	S1007
Project Title Let the Music Begin!	
Abstract	
 Objectives/Goals The objective of my project was to determine the effects of playing mu human body's heart rate and blood pressure. My goal is to establish wh most influence on the rate of decrease of blood pressure and heart rate Methods/Materials I gathered willing volunteers from various age groups, and took their b any exercise. The subjects then were requested to do 40 jumping jacks blood pressure. The subjects were then seated and rested for five minu of music. This procedure was repeated six times, each time with differ between the initial blood pressure and heart rate and the resulting blood affect of music on each type of music. Results Rock music tended to influence the rate of decrease of blood pressure and heart in blood pressure and heart in blood pressure and heart is influential, hel quickest. Conclusions/Discussion Contrary to my hypothesis, the data leaned toward rock music as being decrease of heart rate and blood pressure. With the varied results of ea that sound therapy is indeed medically beneficial.	hich genre of music will have the blood pressure and heart rate before in order to raise their heart rate and ites while listening to a certain type rent music. I recorded the difference of pressure and heart rate to see the and heart rate the most. Although eart rate at a higher level for a lped to lower the heart rate the g the most influential in rate of

Summary Statement

My project investigates the effects of various music types on human heart rate and blood pressure.

Help Received

Mr. Easton (Honors Math Analysis teacher) helped with the mathematical analysis aspects of my project; Dr. Rajasingham, M.D. (specialist in pediatric cardiology) helped to understand the various factors influencing blood pressure; Mr. Levy (AP Biology teacher) main mentor with various degrees in science,