

CALIFORNIA STATE SCIENCE FAIR 2015 PROJECT SUMMARY

Name(s)	Project Number
Atif U. Khan	
	35933
Project Title	800000
No Pain, Lots of Game	
Objectives/Goals Abstract	
The objective is to test if video games can prove to be a strong enough mental an individual#s ability to tolerate discomfort. My hypothesis is that during vid would experience lowered discomfort levels and increased tolerance time relativith no video game distraction. Methods/Materials	eb game play, volunteers tive to their control trials,
The materials for this experiment include a bucket of ite water (35*F), two to stopwatch, a video game and the Flacc Behavioral Pain Assessment Scale. To tested during the control by placing the volunteer#s right foot toes in ice water long they would be able to withstand the pain and at what level they experience Behavioral Pain Assessment Scale). During the experimental, the volunteers we game and after five minutes of play, they were asked to place their left foot too measured tolerance time and level.	eset to 35*F and seeing how eed pain (based on the Flacc were asked to start a video
Results All the participants showed increased tolerance time from their control to expediscomfort levels from the control to experiment trials.	eriment trials, and decreased
Conclusions/Discussion Through the study, my hypothesis was proven to be true. The results illustrated a correlation between playing video games and tolerance. In fact during eachydeo game play, there was an observed increase in tolerance time and decrease in discomfort levels among the participants relative to their control trials. With gaming increasing, there seems to be a growing concern of individuals becoming heavily immersed in the technology that it has caused a desensitization and dismissal of instinctual behavioral responses. This leaves the question of in what ways mental distractions have affected humans throughout history. Are these disturbances so strong that they can cause negative consequences for those involved?	
Summary Statement An Analysis of Discounfort Tolerance During Video Game Play	
Help Received	