



**CALIFORNIA SCIENCE & ENGINEERING FAIR  
2018 PROJECT SUMMARY**

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<b>Project Title</b> Emotions and Personalities	
<p style="text-align: center;"><b>Abstract</b></p> <p><b>Objectives/Goals</b> My hypothesis is that people who listen to music that evoked happy, love, and peaceful emotions would be champions (ENFP), people who listen to sad music would be healers (INFP) and people who listen to courageous music would be dynamos (ESTP). My independent variables were emotions and gender and the dependent variable was the MBTI personality type.</p> <p><b>Methods/Materials</b> Materials used: MBTI Personality Test and five two-minute medleys designed to evoke the following emotions: love, joy, sadness, courage, and peace.</p> <p><b>Results</b> I found that the men who regularly listen to happy music, tend to think of themselves as champions (ENFP), whereas women associated with dynamo (ESTP) personality. Men who listen to peaceful music associated themselves with performer (ESFP) personality type and women associated with composer (ISFP) personality. Both genders who regularly listen to sad music associate themselves with healer (INFP) personality type, and courageous music with supervisors (ESTJ) personality</p> <p><b>Conclusions/Discussion</b> I found that the male and female genders did not always agree on the personality types. For the happy emotion, both genders agree that they are extroverts, but disagree about which side of the brain they use. The women believe that they are sensors and thinkers, whereas the men were intuitive and feelers. When it came to peaceful emotion, both genders thought that they were sensors, feelers, and perceivers but disagreed on whether they were introverts or extroverts. This shows that for certain emotions, different parts of the brain were impacted for men and women. My research clearly demonstrates the impact of human emotions on personality types.</p>	
<b>Summary Statement</b> The cultivation of emotions using music in order to mould a personality.	
<b>Help Received</b> None	