



**CALIFORNIA STATE SCIENCE FAIR
2016 PROJECT SUMMARY**

Name(s) Pratham P. Rathi	Project Number J0424
Project Title Exploration of Factors Influencing Career Choice	
Abstract Objectives/Goals The objective of this exploration is to look at and analyze different patterns present in an individual's profession choice. Methods/Materials Materials : Self-made surveys, large populations(I had 65) of survey participants, graphing tool, printers Procedure: Create a survey that is easy to comprehend and sorts out the different variables that you want to explore. Then hand this survey out to as many people as you can coming from diverse backgrounds, in order to create more variety. Finally tabulate your results. Look for repeating patterns or relationships in the data. Results My data showed that individual's of a specific gender landed in the same job category as a parent of the same gender. This result seemed to hold more true for men rather than women, but nevertheless it was true for both genders. The second comparison I made was the ethnicity v.s. the individual's reason of motivation behind their achievements in academics. Caucasians, owed their educational success to their own personal motivation, Asian-Indians to their parents, and Hispanics had a mixed view. Conclusions/Discussion The interpretation of the data reveals that there are many factors behind an individual's choice of profession and that the strength of these factors contrasts for different ethnic groups. Caucasians tend to view their own self-motivation as their cause for success. Asian-Indians, picked their family for their academic achievement and Hispanics had a mixed perspective. Meanwhile, all the ethnic groups showed a majority of people who landed in educational level equal to or greater than one or more of their parents. This shows that there is a universal motivation to go above and beyond the achievements of the older generation.	
Summary Statement As shown in the results of my survey, there are various patterns that influence an individual's profession choice, and these factors differ in the different variables of ethnicity, gender, and various others unexplored variables as well.	
Help Received I created created the survey and designed the questions myself. My science teacher helped refine it and my parent's helped in handing them out.	