

To: Justin Atwell

From: Panupoan Xiong PX

Paul Lucero PL

Suchita Lulla SL

Introduction:

In STEM women are consistently underrepresented. In particular very few women choose Computer Science. Current research on this topic points to various causes such as the lack of sense of belonging, lack of interest and stereotypes. The study that our team will conduct will explore trends at various Universities. The study will involve collecting data on the number of women enrolled in a Computer Science major. The conclusions drawn from this research will give insight to how factors such as location, cost and prestige affect women choosing their major.

Completed Work:

The progress we have made so far is developing a methodology to gather data and splitting up the research responsibilities between each member of our research team. Our team has gathered logistical data from the top 30 universities. A difficulty we have encountered is not all Universities publish the number of female students in their computer science programs or they are not always easily accessible. To mitigate this issue we have decided if we cannot find the data in a timely manner we would exclude the school from our study. No other issues have arisen.

Work in Progress:

Our team will continue to gather data and when we have collected data on at least 45 universities we will begin analyzing the data. The analysis will determine the results of our study and will allow us to draw conclusions as to the lack of women in computer science. When we have completed the analysis we will begin writing our report. Each member will be responsible for a different section of the report and we will all come together to make the final edits.

Conclusion:

Our team is on track to finish data collection and the written report within our set deadlines. The report will be a complete summary of all the work we have done, including but not limited to our processes, methodology, analysis, results and conclusions. The research we have conducted will give us a better understanding of why women don't chose computer science and will bring us a step closer to solving this issue.