**Describe what type of sampling approach you would implement to determine the rate of smoking among teenagers.**

I would try to implement a sampling approach similar to Experiment 4, because I feel like it is the most accurate with the least amount of bias involved as compared to the other experiments. What I like about this experiment is that the conductor, Dr. Nandi, picks students at random to participate in the study, as well as keeps their answers confidential from parents/guardians. I believe this gave students more confidence to answer the smoking questions truthfully, thus reducing bias in a way.

**Try to minimize bias in your experiment but also discuss possible sources of possible bias in your sampling approach.**

While I’m a fan of how experiment four was implemented, and would try to emulate my study in a similar fashion, there are some things I would change to minimize the bias that still exists. The percentage of high school students who’ve tried smoking seems a tad high. To counterattack this, I’d increase the number of students selected randomly. More data points could help portray a more accurate percentage. If at all possible, I would also try to not have parental influence in my experiment, as that will always introduce a sense of bias. The only students who would be willing to participate would need their parents to sign off on it, which could limit our participant pool. Not sure if it would be feasible for this study to be conducted on students without having parental consent, but as long as there are parents involved, there will be always be bias within this approach.