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I have chosen to write about the education section out of Dr. Harrington's book because I feel the importance of educating our engineers should be the top priority as engineering problems become more advanced and complicated. Dr. Harrington touches on the preconceived notion that children from lower economic backgrounds are less capable of learning due to their economic standing. I agree that this idea is utterly untrue and dangerous to the progress of our society. The fact that children on the other side of the tracks are just as capable, if not more so, in grasping the concepts of science, technology, engineering and math is a fact that shouldn't be ignored. As shown in Dr. Harrington's comparison of student's GPA with the professional standing of their parents, academic achievements and excellence does not discriminate.

The idea that children of lower economic standing are less likely to excel in the S.T.E.M fields continues to this day as our government attempts to limit and stifle higher education for all. The importance of trying to change this preconceived idea should be the top priority for national leaders but has fallen behind due to corporate greed and by attempting to turn profit off education. Dr. Harrington states that Russia was spending nearly 3 times as much on education than United States of America was, and it shows today as other countries threaten to overtake the USA as the leading economic driver in the world. The fact is that children from all walks of life can excel and become great scientists, engineers and mathematicians.

Dr. Harrington also discusses the emphasis on collegiate sports and how this can be detrimental to the academic environment. American universities tend to focus on athletics to gain exposure and corporate sponsorship, when they should be focused on academia and creating knowledgeable field ready students eager to enter the workforce. The priorities of universities across America seem to be pointed in the wrong direction. The tremendous

amount of time and money spent on athletic programs shows where the heart of the education system lies in America.

Dr. Harrington talks about recruitment for the engineering field and how it lacks the proper tools to adequately expose younger students to the marvels of engineering. I feel we as a country have made great strides in this area with emphasis placed on the S.T.E.M fields the past ten years. Engineering has typically been a male dominated field, but as I look at the graduating class of 2018, I am encouraged to see the influx of young ambitious women and men entering the profession. The downfall to this influx is the potential watering down of the critical thinking process required to be a good engineer.

As the requirements for obtaining a Bachelor of Science in engineering decreases, the importance for licensing Professional Engineers becomes even more important. As problems advance in an evolving, technologically demanding world, the fact that we need less education seems counterintuitive. However, I feel I have received a fantastic education at the University of New Mexico and as I continue to my Master of Science in Civil Engineering, I am grateful for the additional education that I will obtain during the extra year of school. As I strive to become a great engineer, I never want to forget the driving reason why I want to become an engineer. The desire to help society progress and to help people in general is the main reason I have chosen this profession.

In the end, I agree with Dr. Harrington, that educating everyone from every socioeconomic background is truly important for our society. Whether is be the janitor's son or the lawyer's daughter, accessible education for the masses is the best way to advance society and the progression of mankind. As I gear up to enter the workforce I am thankful for every day and all the opportunities provided to me by the freedom that we have as Americans and the professionals and educators that have inspired me to want to become an engineer.