



Kimberly Ventura
Product Development Shop Fellow

Product development, devices and tools

"I applied for the Siemens Foundation-PATH Fellowship because I want to assist in solving health challenges in developing countries, and innovate everyday products meant to simplify the lives of many."

Kimberly is pursuing a bachelor's degree in mechanical engineering at California State University, Los Angeles, with an expected graduation date of Spring 2020.

Originally, Stephanie wanted to pursue a degree in aerospace engineering due to her fascination with airplanes and space, but was introduced to the world of biomedical engineering. The realization that there are many challenges in the biomedical industry that affect people on a more intimate level sparked her desire to pursue a career in biomedical engineering.

Stephanie's natural problem-solving skills and strength in math and science motivated her to pursue a STEM career. She has had experience with a student-drive start-up as the Chief of Engineering and Development for Artemus Labs, where there is always a constant need for the innovation and problem solving required in every aspect of engineering. Stephanie hopes to bring a fresh mind to tackle the world's global health challenges to her PATH Fellowship

Though many people go into engineering with an aptitude in math and science, Kimberly decided to pursue the PATH Fellowship and a career in engineering with a passion to innovate everyday products meant to simplify the lives of many, and she hopes the experience will help her learn to apply her academic knowledge in a real-world situation and strengthen the skills needed to work in the biomedical engineering industry. Stephanie also sees this experience as a way to help her approach problems from a different perspective and use time more efficiently going into her senior design project and upper-level coursework.

Stephanie's father has been her biggest inspiration throughout her academic journey. He immigrated to the U.S. from the Philippines and, with the help of her mother, established a successful business. Thanks to his example, Stephanie has seen that with hard work, dedication and drive, she can pursue her dreams too.

The greatest challenge Stephanie feels her generation will face is the ability to differentiate between the real world and the world of social media. She sees many people becoming engrossed in what is perceived to be a person's real daily life even though that is most often not the case as many strategically chose what is presented online to create an image of a "perfect" life.