In the Fall 2015, I will start high school. I have applied to various STEM High Schools in the Washington, DC area, so I think that participating in the NASA Space Camp for a week will help me to increase my exposure and narrow down my scientific focus. I am also considering a career in the military, maybe as an Engineer.

For the last two summers, I participated in GEMS, (Gains in the Education of Mathematics and Science), which is an Army-sponsored program and held at the Army Research Laboratory in Silver Spring, MD. We performed many scientific experiments, like following procedures to extract DNA from a strawberry. We also learned how to create hydrogen fuel cell cars.

I have a great interest in robotics. One year, we constructed a robot to pick up, transport and deposit mined ore. This was fun because we got a chance to experiment with different types of vehicle parts to see how they interact as a whole inside of the robot.

I also would like to attend the Space Camp because I like the study of airplanes and other aviation vehicles and I think it would be loads of fun to train like the astronauts train and to learn more about the astronauts, pilots and engineers function together to advance science and discover more about the universe. I am also looking forward to joining the Aviation Ministry at my church. I would ultimately like to learn how to fly an airplane.

In conclusion, I think that attending Space Camp would be a great opportunity to learn more about STEM in an exciting and adventurous environment. I hope that you will select me to become a Space Camper this summer.