



My name is Daniel Lampson and I am a first-year graduate student at the University of Nevada, Reno. I am studying Electrical Engineering under my mentor, Jeongwon Park who is a professor of Electrical Engineering. I started working for Dr. Park in the spring of 2021. During this time, I helped him create LabView files for incoming graduate students. Working with Dr. Park helped me find my passion in research and fabrication of electrical devices. I am now working with a team of students and professors to create a gas and particle device that will one day be used on an unmanned aircraft to Mars.

During the summer break of 2021 I received an offer to work for NV Energy. I decided to take the offer with their substation engineering team. During my time there I have helped many amazing engineers by updating standards for capacitor banks and transformers. I just received my first substation design project a couple weeks ago. I am now designing a new substation in the small town of Goldfield, Nevada. This job along with my NASA fellowship has given me so

many opportunities to explore different fields of electrical engineering. I would like to thank Jeongwon Park and the great people of NASA for giving me this opportunity.