This summer I was able to complete my internship with NEIC at the Denver Federal Center in Lakewood, CO working for three different areas of the agency. NEIC does civil and criminal investigations for facilities and develop new permits and regulations based on what each investigation reveals about the health and safety of the environment and humans.

I mainly worked for the Next Generation Compliance team in helping with various projects, such as looking up grant information, new and upcoming monitoring technologies, and helping develop the web page for Next Generation Compliance where documents and information can be uploaded about monitoring technologies available for the EPA and citizens.

I also spent a lot of time with chemists in the laboratory branch to help develop Job Hazard Analysis for various laboratory procedures. The chemists in this lab are the ones who analyze samples taken out in the field and sent to them to make sure facilities are within their permits and regulations of the EPA. Time spent in the lab was taking notes and I also had the opportunity to help perform various procedures and was certified through the EPA for Health and Safety and certified for Radiation Health and Safety in the laboratory. This was by far my favorite part of this internship and much of the training was all learned in multiple classes as an EH undergrad.

I only got to work on one project with the field branch due to the limited amount of available time. I helped to develop a new cheat sheet for the GMAP technology, which is an air sensor that is mounted on an EPA vehicle and driven around a facility collecting air pollution data. A previous EH intern had developed the first cheat sheet and I revised this due to the changes to the instrument and mounting procedure.

This internship gave me insight into how different areas of the EPA work together to help reduce pollution that will both keep the environmental and humans healthy. I very much enjoyed this internship and would suggest to any student that would like to work with and learn more about the EPA.