

Summer Research Experience

I studied the Ozone Weekend Effect, the condition when ozone concentrations increase on weekends even though the emissions of other pollutants decrease in urban areas. My goal was to defend one of the existing hypotheses about what is causing the Ozone Weekend Effect. Most of my research was done through data analysis on a computer. I was able to find evidence supporting the theory that Ozone Weekend Effect happens because the ratio of other pollutants changes on weekends as apposed to weekdays. I really enjoyed learning about the scientific process behind research. My future plans are to keep working with Dr. Burley (my research mentor) in his research, the subject yet to be determined. Long term, I hope to use what I learned about scientific research to pursue a PhD in ecology.