

Matt Drews



Matt Drews is an Atmospheric Sciences Graduate Student in the Department of Environmental Sciences at Rutgers University. After receiving his Bachelor's in Meteorology from Rutgers in 2012, he became involved in Dr. Mark Miller's lab group working with meteorological instrumentation and programming at the Rutgers Photochemical Assessment Monitoring Site, and has since developed an interest in ground-based weather observations and remote sensing.

For the CRL Fellowship, Matt is in the initial phases of working with representatives from the US Forest Service in assessing a surface wind model developed by USFS scientist Jason Cole. The model is hoped to one day be used to predict tree fall during severe weather events in NJ. Matt will be involved with assessing the accuracy of the model by comparing it to observed data from the New Jersey Mesonet using a test case (Hurricane Sandy, 2012). Once this initial assessment is made, the plan is then to work on improving the model's accuracy by adding in more meteorological and dendrological parameters.