

**Kelly Neugent, M.S.**  
*Consulting Meteorologist*

**Education**

M.S. in Applied Meteorology, Plymouth State University, 2016

Thesis: “Extreme Weather Impacts on Human Health in New Hampshire”

B.S. in Meteorology, University of South Alabama, 2015, Presidential Scholar, J. L. Bedsole Scholar

**Professional Affiliations**

American Meteorological Society

National Weather Association

**Professional Experience: Consulting**

In the spring of 2018, I began working at Shade Tree Meteorology, LLC as a Consulting Meteorologist. We are a full-service forensic meteorology firm specializing in severe weather event reconstruction. As a Consulting Meteorologist, I retrieve and interpret meteorological data, draft and proofread detailed reports, and prepare certified weather records for clients. While working at the United States National Ice Center (USNIC), I worked closely with customers to provide post-event snow and ice analyses and information tailored to their specific needs. While working with the New Hampshire Department of Health and Human Services, I was able to tailor specific analyses of my master’s thesis to meet the needs of stakeholders across the state.

**Professional Experience: Outreach**

Upon joining Shade Tree Meteorology, LLC, I assumed the role of community outreach coordinator, which involves updating the quarterly newsletter, creating content for social media posts, and designing and coordinating various outreach events. Prior to joining Shade Tree Meteorology, LLC, I coordinated outreach events such as the 2018 Month of Kindness for the USNIC.

**Professional Experience: Research**

While working at the National Ice Center, I conducted literature reviews, researched topics, and proofread, edited, and formatted the final product to co-produce content for “Utility of the United States National Ice Center’s Interactive Multisensor Snow and Ice Mapping System Data to View Arctic Variability,” presented at the 98th Annual Meeting of the American Meteorological Society. Previously I investigated the connection between extreme weather metrics and human health outcomes, focusing specifically on New Hampshire in collaboration between PSU & New Hampshire DHHS. Furthermore, I created multiple presentations and outputs for a wide variety of audiences to provide public health education regarding health risks related to extreme weather events. While at the University of South Alabama, I investigated frontogenesis within landfalling tropical cyclones, which I presented at the 15th Annual Undergraduate Research Symposium (October 2013) and the 31st Conference on Hurricanes and Tropical Meteorology (April 2014).