

PHYSICS COLLOQUIUM
Departments of Physics
NC A&T State University

Weather Forecasting and Public Understanding

Britaney Hamilton

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Abstract:

Weather is a very complex subject. Forecasting the weather is even more complex. Proper forecasting requires the use of science and mathematics. Various equations, probability, climate information and computer modeling may be ingredients for an accurate forecast. However, how is that accurate forecast being communicated to the target audience? Is the public receptive to the forecast and other scientific information? Science and communication are not completely separate entities. They should be used together. This talk goes in depth about the challenges of effectively communicating weather information and how to adapt to various audiences.

Biography:

Britney Hamilton was born in Los Angeles, California, but North Carolina raised her. Britney's interest in weather was sparked in middle school when Hurricane Katrina devastated the Gulf Coast. She wanted to know everything about hurricanes (i.e. structure, forecasting, societal impacts). Ultimately, Britney's interest in hurricanes grew into a full-fledged love for weather. Britney graduated from Providence High School in Charlotte and she knew she wanted to pursue a career in meteorology. She attended the University of North Carolina at Charlotte and received a B.S. degree in Meteorology with minors in Mathematics and Spanish. Britney continued her education at North Carolina A&T State University where she developed plenty of AGGIE PRIDE and received a M.S. degree in Physics with a concentration in atmospheric science under the direction of Dr. Yuh-Lang Lin. Britney Hamilton is the weekend meteorologist at FOX 46 Charlotte. She has been in that position for 3 years and enjoys forecasting for the viewers as well as telling weather/science related stories.

Marteena Hall, Room 310, 3:00 p.m., August 28 (Wed), 2019

Refreshment will be served after the colloquium