

# Department of Computer Science - Colloquium Series

## “A Natural Language Processing and Machine-Learning Based Approach to Authorship Attribution of Tweets”

**Speaker: Dr. Siobahn Day**, UNCG Department of Computer Science

**Bio:** Dr. Day received her master's and PhD. degrees in Computer Science from NC A&T University. Currently, she is a Lecturer for the Department of Computer Science at UNCG. Prior to this, she served as an Adjunct Instructor at several colleges and universities where she taught an array of courses in Computer Science.

**Abstract:** With the prevalence of fake news and cyber-crimes, it has become increasingly difficult to determine authorship of information on online social networks. Forensic professionals, researchers, and regular users require methods for determining authorship. Authorship attribution will be a solution to determining the veracity of these sources as well as a preventative measure in stalling these types of occurrences.



**SEP 21, 2018**  
**2:00–3:00 PM**  
**PETTY 223**