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Annie S Ross* (anniesross@gmail.com), 252 West Prospect Road, Apt 34, Fort Collins, CO 80526, and **Elizabeth Clark, Christine Klotz** and **Craig Martell**. *Using Bayesian Statistics on Twitter Feeds to Classify Twitter Users*. Preliminary report.

Social media is a hot spot for spreading and gathering information. On networks, including Twitter, components such as the number of followers a user has, number of other users a user follows, tweets per day, number of lists and number of friends may all be indicative of their social media presence and their ability to spread and gather information. This project attempted to classify the level of each above listed component (e.g. many followers versus few followers) a Twitter user is at based only on the text of their tweets. We also discovered a relationship between the usage of Twitter communication techniques (e.g. hashtags, at-replies and URLs) and number of followers. The findings of this project will give a better understanding of the relationship between social media behavior and language utilized on those social media sites. (Received January 21, 2014)