# CSCI 4180: Big Data Analytics
# CSCI/DASC 6010: Big Data Analytics and Management

Nic Herndon, PhD
East Carolina University

Linux power tools

## Hands-on Linux

File system, permissions, and hidden files/directories

- ls, tree, pwd, cd ($\sim$, $-$), mkdir, file, rm, type, which, find, df, du

Getting help

- man, less, more, clear

Getting files

- cp, scp, wget (-O, recursive), curl

Text manipulation, pipes, redirection, **power tools**

- cat, head, tail, cut, paste, tr, wc, echo, **grep**, **sed**, **awk**, sort, uniq, vi

Bash shell

- Ctrl+C, Ctrl+D, Ctrl+Z, Ctrl+U, Ctrl+W, Ctrl+A, Ctrl+E
- for loops
- autocompletion, history

# NOAA's National Centers for Environmental Information

National Oceanic and Atmospheric Administration – Storm Data