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- Research Topic: Using data science, visualization and informatics to reduce health disparity
- Role: PI
- Algorithms: Black detection algorithm in Twitter, dementia caregiver detection algorithms, sentiment analysis algorithms in Twitter (own development); topic modeling, NLP and network analysis (community codes)
- HPC use: yes
- Data characteristics: large amount of streaming Twitter data in different health topics

Your name here
Your institution here

Computational challenges:

- Visualizations (python and R do not support functions as other network analysis or NLP software)
- Continuous data curation and preparation for emerging and temporary issues of the streaming data

Goal of Attending SDSC summer Institute

- Be familiar with HPC
- Be familiar with visualization software commonly used in HPC other than python or R