# Research Presentations Since Spring 2017

1. Vijay Kumar, Bridget Wangler, Chaya Chaipitakporn, Shantanu Sur, Supraja Gurajala, Suresh Dhaniyala, Sumona Mondal: Infection vs Fatality of COVID-19 in New York State: Effects of Demographics and Poor Air Quality, American Association for Aerosol Research (AAAR) conference, October 2020.
2. Dinushani Senarathna, Vijay Kumar, Bridget Wangler, Shantanu Sur, Supraja Gurajala, Suresh Dhaniyala, Sumona Mondal: Towards Building an Optimal LUR Model for Air Quality Prediction Using Machine Learning Approach., E-RAPS (Research and Projects Showcase) Conference, Clarkson University, Potsdam NY July 2020.
3. Kumar V., Mondal S., Gurajala S., Sur S., Dhaniyala S., Evaluating spatio-temporal accuracy of LUR models using low-cost sensor network data, 2020 Air Sensors International Conference, Pasadena, California, May 12-15, 2020. [Cancelled due to COVID]

# Gurajala S., Dhaniyala S., Big Data and Air Quality: Using Twitter Data for Air Quality Monitoring, American Association for Aerosol Research 37th Annual Conference, Portland, Oregon, Oct 14 – Oct 18, 2019.

1. Gurajala S., Data Visualization, Computer Science ACM seminar, SUNY Potsdam, Potsdam, NY, Nov 2019.
2. Workshop co-organizer/instructor: Sensors and Data Analytics, Aug 5 to 9 (5-day workshop), Clarkson University, Potsdam, NY, 2019.
3. Kumar V., Patel V., Sur S., Dhaniyala S., Gurajala S., Mondal S., Air quality prediction using LUR model: Parameter reduction and optimization, 3rd Annual Spring Research And project Showcase conference, Clarkson University, Potsdam, NY, April 2019.
4. Kumar V., Patel V., Sur S., Dhaniyala S., Gurajala S., Mondal S., LUR model for air quality: Optimization of parameter space, 13th Annual Probability & Statistics Day At UMBC, Baltimore, MD, April 2019
5. Gurajala S., Challenges in monitoring air quality using social media data, AIR Lab, Clarkson University, Potsdam NY, 2018, December.
6. Gurajala S., BigData: Towards accurate prediction of events, Computer Science ACM seminar, SUNY Potsdam, Potsdam, NY, 2018, October.
7. Gurajala S., Can we build accurate spatio-temporal event models with social media data? David A. Walsh‘67 Arts & Sciences Conference , Potsdam NY, 2018, August.
8. Gurajala S., Twitter data analysis to understand societal response to air quality. 2018 International Conference on Social Media & Society, Copenhagen Denmark 2018, July.
9. Gurajala, S. "Big Data and its Applications", Computer Science ACM seminar, SUNY Potsdam, Potsdam, NY, 2017, October.