

Office of the Federal Coordinator for Meteorology

*Special Session—17th GMU
Atmospheric Transport and
Dispersion Conference*

June 13, 2017
Session Chair: Mr. Jeff McQueen

OFCM Session Agenda

21st GMU ATD Conference

- Welcome
 - William Schulz, Federal Coordinator for Meteorology
- Update on Army Research Lab Efforts to Establish a Meteorological Sensor Array at White Sands Missile Range
 - Chatt Williamson, US Army Research Laboratory
- The National Weather Service Ceilometer Lidar Network
 - Mike Hicks, NWS Office of Observations
- Ad-Hoc Ceilometer Evaluation Study (ACES): Evaluation of Lidars and Ceilometers Mixing Layer Heights
 - Ruben Delgado, NASA Joint Center for Earth Systems Technology
- Routine Large-Eddy Simulations of Continental Shallow Convection: Simulation Workflow Development and Megasite Observations
 - Andrew Vogelmann, Brookhaven National Laboratory

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- Monitoring and Modeling of Long-term Dust Storm Trend in the western US: Guarding against future “Dust Bowl”
 - Daniel Tong, NOAA Air Resources Laboratory
- A Long-Term WRF Meteorological Archive for Dispersion Simulations: Application to Controlled Tracer Experiments
 - Fantine Ngan, NOAA Air Resources Laboratory
- Overview of HYSPLIT applications at the National Weather Service
 - Chris Wamsley, NWS Analyze, Forecast, and Support Office
- Navy Aerosol Forecasting: The Power in Ensembles
 - Juli Rubin, Navy Research Laboratory
- Summary of 2016 GMU OFCM Survey and Discussion on AT&D Future Needs
 - Jeff McQueen, NWS NCEP and Jud Stailey, OFCM