



# NASA-Goddard (GSFC)-Univ Md-Penn State **Ozonesondes** for **KORUS-AQ**



**Dr. Anne Thompson – NASA/Goddard Senior Fellow**  
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**Ryan Stauffer, MS**  
DISCOVER-AQ (2011, 2013, 2014), SEAC4RS  
*Bay Breeze Impact at Edgewood, MD*

**Hannah Halliday, MS**  
CAPABLE (2010); DISCOVER-AQ (2011, 2013, 2014). *VOC Species at Maryland, Colo.*



- **KORUS-AQ – CO-LOCATION WITH MCGEE GROUP & PANDORA**
- Science Teams uses sounding data: Satellite & Model Validation, Lidar calibration.
- Daily ozonesondes display many influences: pollution, stratosphere intrusions.
- Houston O<sub>3</sub> (Left), 23-9-13 sounding (Center), GEOS-5 model strat tracer (Right)

