

### CSL AMS Presentation Schedule 2026

Presentation Date	Presenter Name	Presenter Affiliation	Presenter Group	Presentation Title	Presentation Length (CST)	Session Time (CST)	Session Number	Session Title	Presentation Type	Location/Room Number
Monday 1/26/26	Margaret Bruckner	NRC postdoc fellow	CSL4	Influence of Smoke Emission Coefficients on Global Air Quality Simulations: An Application of UFS-Chem	9:00 - 9:15	8:30 - 10:00	J1A	Impacts of Wildfires on Atmospheric Chemistry: from the Surface to the Stratosphere I	Oral	GRB Convention Center 342E
Monday 1/26/26	Steve Brown	Federal	CSL	The 2024-2025 Airborne and Remote Sensing Multi-Air Pollutant Surveys (AiRMAPS) in Colorado, Utah and the Mid-Atlantic	9:45 - 10:00	8:30 - 10:00	1B	Lessons Learned in Atmospheric Composition Field Campaigns I	Oral	GRB Convention Center 332C
Monday 1/26/26	Jung-Sub Lim	CIRES	CSL9	<i>Session Co-Chair</i>	13:45 - 15:00	13:45 - 15:00	3	Mixed-Phase and Ice Clouds: Lab Studies, Field Studies and Parameterization	Oral	GRB Convention Center 371E
Monday 1/26/26	Margaret Bruckner	NRC postdoc fellow	CSL4	Incorporating the AM4.1 and RAQMS Chemical Mechanisms in UFS-Chem through MICM	15:00 - 16:30	15:00 - 16:30		24th Joint Conference on the Applications of Air Pollution Meteorology with the A&WMA	Poster	GRB Convention Center Hall B3
Monday 1/26/26	Eric Ray	CIRES	CSL8	<i>Session Chair</i>	16:30 - 18:00	16:30 - 18:00	J4	Stratospheric Ozone, Chemistry and Climate	Oral	GRB Convention Center 352F
Monday 1/26/26	Katie Smith	CIRES	CSL6	Characterizing Global Stratospheric Aerosol with in Situ Observations of Aerosol Size Distributions from High-Altitude Balloon Platforms	17:45 - 18:00	16:30 - 18:00	J4	Stratospheric Ozone, Chemistry and Climate	Oral	GRB Convention Center 352F
Monday 1/26/26	Sean Davis	Federal	CSL8	Uncertainties in Recent Tropical Ozone Changes Restrict Our Understanding of Future Total Column Ozone Change	16:45 - 17:00	16:30 - 18:00	J4	Stratospheric Ozone, Chemistry and Climate	Oral	GRB Convention Center 352F
Tuesday 1/27/26	Ilana Pollack	CIRES	CSL7	<i>Session Co-Chair</i>	8:30 - 10:00	8:30 - 10:00	5A	Agriculture-Atmosphere Interactions	Oral	GRB Convention Center 342E
Tuesday 1/27/26	Quazi Rasool	CIRES	CSL4	Evaluating Data-driven updates to Process-Based Soil NO <sub>x</sub> modeling: Assessment with observations over Central Valley, California	9:00 - 9:15	8:30 - 10:00	5A	Agriculture-Atmosphere Interactions	Oral	GRB Convention Center 342E
Tuesday 1/27/26	Ann Middlebrook	Federal	CSL7	Case Study of High Summertime Concentrations of Ammonium Nitrate in Particles over California's San Joaquin Valley During AEROMMA	9:15 - 9:30	8:30 - 10:00	5A	Agriculture-Atmosphere Interactions	Oral	GRB Convention Center 342E
Tuesday 1/27/26	Jung-Sub Lim	CIRES	CSL9	Regimes of Droplet Size Distribution Evolution in Stratocumulus: From Adiabatic Growth to Entrainment-Descent	14:15 - 14:30	13:45 - 15:00	7	Warm-Phase Cloud Processes Across Scales I	Oral	GRB Convention Center 371E
Tuesday 1/27/26	Liam Thompson	Hollings Scholar	CSL4	A Meteorological Evaluation of the Unified Forecast System with Chemistry (UFS-Chem), using MELODIES-MONET, an Open-Source Model Evaluation Toolkit	14:15 - 14:30	13:45 - 15:00	J7	Meteorological Aspects of Atmospheric Chemistry Modeling and Air Quality Forecasting	Oral	GRB Convention Center 342D

Tuesday 1/27/26	Melody Avery	CIRES	CSL8	Hemispheric Differences in the Seasonal Behavior of Clouds, Ozone and Water Vapor in the Tropical Upper Troposphere and Lower Stratosphere	15:00 - 16:30	15:00 - 16:30	2	Richard Stolarski Symposium	Poster	GRB Convention Center Hall B3
Tuesday 1/27/26	Amy Butler	Federal	CSL8	Multi-Model Assessment of Impacts of the Hunga Eruption on Stratospheric Ozone and Its Chemical and Dynamical Drivers	15:00 - 16:30	15:00 - 16:30	2	Richard Stolarski Symposium	Poster	GRB Convention Center Hall B3
Tuesday 1/27/26	David Fahey	Federal	CSL	The Scientific Assessment of Ozone Depletion in support of the Montreal Protocol on Substances that Deplete Ozone	15:00 - 16:30	15:00 - 16:30	2	Richard Stolarski Symposium	Poster	GRB Convention Center Hall B3
Tuesday 1/27/26	Ilana Pollack	CIRES	CSL7	<i>Session Chair</i>	15:00 - 16:30	15:00 - 16:30		Agriculture-Atmosphere Interactions	Poster	GRB Convention Center Hall B3
Tuesday 1/27/26	Caleb Jansen	Hollings Scholar	CSL6	Real-Time Spectroscopic Determination of $\delta^{15}\text{N}$ -NO in Atmospheric Samples	15:00 - 16:30	15:00 - 16:30		Agriculture-Atmosphere Interactions	Poster	GRB Convention Center Hall B3
Tuesday 1/27/26	Liam Thompson	Hollings Scholar	CSL4	The Open Source Meteorological Evaluation Toolkit within MELODIES-MONET	15:00 - 16:30	15:00 - 16:30		Fifth Symposium on Community Modeling and Innovation	Poster	GRB Convention Center Hall B3
Tuesday 1/27/26	Ilana Pollack	CIRES	CSL7	Quantifying Airborne Eddy Covariance Fluxes of Ammonia from Agricultural Systems in California's Central Valley	15:00 - 16:30	15:00 - 16:30		Agriculture-Atmosphere Interactions	Poster	GRB Convention Center Hall B3
Wednesday 1/28/26	Eric Ray	CIRES	CSL8	Reevaluation of Stratospheric Mean Age Trends From In Situ Measurements	9:15 - 9:30	8:30 - 10:00	9	Observations and Reanalyses of the Middle Atmosphere: Needs and Capabilities	Oral	GRB Convention Center 352F
Wednesday 1/28/26	Amy Butler	Federal	CSL8	Externally-Forced Changes to Southern Hemisphere Stratosphere-Troposphere Coupling Variability	11:30 - 11:45	10:45 - 12:00	J10	Stratosphere-Troposphere Coupling: from Subseasonal-to-Seasonal Prediction to Climate Variability III	Oral	GRB Convention Center 352F
Wednesday 1/28/26	Nell Schafer	CIRES	CSL7	Influence of Wildfire Emissions on Urban Ozone in Salt Lake City Using an Observationally Constrained Box Model	13:45 - 14:00	13:45 - 15:00	11B	Regional Air Quality IV	Oral	GRB Convention Center 332C
Wednesday 1/28/26	Tak Yamaguchi	CIRES	CSL9	Global Estimation of Instantaneous Cloud Brightening Under Stratospheric Aerosol Injection	13:45 - 14:00	13:45 - 15:00	11B	Aerosol-Radiation Interactions	Oral	GRB Convention Center 372E
Wednesday 1/28/26	Wyndom Chace	CIRES	CSL7	Influence of Aged Biomass Burning Plumes on Ozone Photochemistry in Eastern North American Megacities: Results from the 2023 AEROMMA Field Campaign (Invited)	14:00 - 14:15	13:45 - 15:00	11B	Regional Air Quality IV	Oral	GRB Convention Center 332C
Thursday 1/29/26	Jung-Sub Lim	CIRES	CSL9	<i>Session Chair</i>	8:30 - 10:00	8:30 - 10:00	13	Bridging Experiments, Observations, and Models to Develop Process-Level Understanding of Mixed-Phase Clouds	Oral	GRB Convention Center 371E

Thursday 1/29/26	Congmeng Lyu	CIRES	CSL4	Improving Emissions Estimates for the Oil and Gas Sector in the U.S. Greenhouse gas And Air Pollutants Emissions System (GRA2PES) (Invited)	14:15 - 14:30	13:45 - 15:00	15	Regional Air Quality VI	Oral	GRB Convention Center 332C
Thursday 1/29/26	Sunil Baidar	CIRES	CSL3	Quantification of NOx Emissions from the New York Metro Area using Airborne and Satellite Observations	15:00 - 16:30	15:00 - 16:30		Regional Air Quality	Poster	GRB Convention Center Hall B3