



**Department of Hydrology &
Atmospheric Sciences**

Land-Atmosphere-Ocean Interactions Research Showcase 2018

February 6th 2018

Student Union Memorial Center - Picacho Room

08.45 am	<i>Opening remarks</i>	<i>And Breakfast</i>
09.00	Xubin Zeng	Impact of a Low Bias in SWE Initialization on CFS Seasonal Forecasts
09.25	Josh Welty	Does Soil Moisture Affect Warm Season Precipitation over the SGP?
09.50	Jeremy Sousa	Timescales of Time-Split Condensation Parameterizations in CAM4
10.05	<i>Break</i>	
10.20	Charlie Devine	Improved Global SWE Retrieval Using Passive Microwave Remote Sensing
10.35	Jorge Arevalo	First Steps on a Sensitivity Analysis of the Hybrid-3D Hillslope Hydrological Model
10.50	Mengtian Lu (student of Pieter Hazenberg)	Analysis of Long-Term Drought Across Scale in the San Pedro River Basin, Arizona
11.05	Anton Beljaars	Are We Facing "Grey Zone" Issues in Boundary Layer Parametrization?
11.45 am	<i>Lunch</i>	<i>Arizona Room (2nd level Student Union)</i>
1.30 pm	Gustavo de Goncalves	From the Atmosphere, the Land-Atmosphere Interactions and Land Surface Only: Current Research in South America
1.55	Suzy Stillman	Where is Afternoon Precipitation Favored by Wet Versus Dry Soil?
2.20	<i>Break</i>	
2.35	Ali Hossein Mardi (student of Armin Sorooshian)	On the Vertical Nature of Biomass Burning Plumes by the California Coast and Their Relationship with Marine Boundary Layer Clouds
3.00	Jack Reeves Eyre	Ocean Salinity Stratification in Models and Observations
3.25	Michael Brunke	Revisiting the Relationship between Low Cloud Cover and Lower Tropospheric Stability
4.20 pm	<i>Happy hour</i>	<i>Location TBD</i>