

# Poster Competition Winners

## IT Division

**1<sup>st</sup> Place: Beatriz Gallardo Lacourt** - UCLA – *Ionospheric Flow Structures Associated with Auroral Beading at the Substorm Auroral Onset*

**2<sup>nd</sup> Place: Ryan McGranaghan** – CU Boulder - *Forecasting the Impact of Equinoctial High-Speed Stream Structures on Thermospheric Responses*

**Honorable Mention: Kshitija Deshpande** – Virginia Tech - *Inverse modeling using a novel GPS scintillation model, SIGMA, to characterize high latitude irregularities*

## MLT Division

**1<sup>st</sup> Place: Jintai Li** - UAF - *First lidar observation of the mesospheric nickel layer*

**2<sup>nd</sup> Place: Weichun Fong** – CU Boulder - *Lidar observations of temperature climatology from 0 to 110 km and mechanism study of winter temperature tides of fast amplitude growth above 100 km at McMurdo (77.8S, 166.7E), Antarctica*

**Honorable Mention: Monica Hew** – Stanford – *Optical Characterization Methods for Assessing Threat of Spacecraft Electrical Anomaly Due to Hypervelocity Impact Plasma*