

# 2016 CEDAR Poster Prize

Big thank you to all the 28 judges!

Anja Stromme, Cheng Sheng, Nick Pedatella, Don Hampton, Mark Conde, Fabiano Rodrigues, Hassanali Akbari, Roman Makarevich, Jonathan Makela, Seebany Datta-Barua, Jaroslav Jansky, Elizabeth Mitchell, Delores Knipp, Liying Qian, Jonathan Krall, Tomoko Matsuo, Marco Milla, Lynn Harvey, Cissi Ying-tsen Lin, Jérémy Rioussset, Scott England, Ryan Volz, Christopher Heale, Katelynn Greer, Hanli Liu, Doug Drob

Evaluation criteria:

Science, design & presentation

Statistics

106 IT posters, 55 in competition

67 MLT posters, 38 in competition

Ionosphere-Thermosphere

2<sup>nd</sup> place

**Brian Harding** (University of Illinois at Urbana-Champaign)

Title: **Ground-based Thermospheric Wind Measurements: Sensitivity to Tropospheric Scattering**

[http://cedarweb.vsp.ucar.edu/wiki/images/9/90/2016CEDAR\\_I\\_TIT-21\\_Harding.pdf](http://cedarweb.vsp.ucar.edu/wiki/images/9/90/2016CEDAR_I_TIT-21_Harding.pdf)

Ionosphere-Thermosphere

1<sup>st</sup> place

**Ryan McGranaghan** (University of Colorado,  
Boulder)

**Title: Reconstruction of three-dimensional  
auroral ionospheric conductivities via an  
assimilative technique**

[http://cedarweb.vsp.ucar.edu/wiki/images/9/93/2016CEDAR\\_D  
ATA-04\\_McGranaghan.pdf](http://cedarweb.vsp.ucar.edu/wiki/images/9/93/2016CEDAR_D<br/>ATA-04_McGranaghan.pdf)

Mesosphere-Lower-Thermosphere  
Undergraduate honorable mention

**Jacob Engle** (Embry-Riddle Aeronautical  
University)

**Title: Numerical and analytical studies of  
critical radius in spherical and cylindrical  
geometries for corona discharge**

[http://cedarweb.vsp.ucar.edu/wiki/images/2/20/2016CEDAR\\_S  
PRT-01\\_Engle.pdf](http://cedarweb.vsp.ucar.edu/wiki/images/2/20/2016CEDAR_S<br/>PRT-01_Engle.pdf)

Mesosphere-Lower-Thermosphere

Honorable mention

**Levi Boggs** (Florida Institute of Technology)

**Title: Thunderstorm Charge Structures  
Producing Negative Gigantic Jets**

[http://cedarweb.vsp.ucar.edu/wiki/images/c/ce/2016CEDAR\\_S  
TRA-02\\_Boggs.pdf](http://cedarweb.vsp.ucar.edu/wiki/images/c/ce/2016CEDAR_S<br/>TRA-02_Boggs.pdf)

Mesosphere-Lower-Thermosphere

2<sup>nd</sup> place

**Cornelius Csar Jude Salinas** (National Central University, Taiwan)

**Title: Impacts of Global Mean CO<sub>2</sub>-based Eddy Diffusion Coefficients in the Mesosphere and Lower Thermosphere Region on the Ionosphere/Thermosphere Region**

[http://cedarweb.vsp.ucar.edu/wiki/images/a/ac/2016CEDAR\\_C OUP-01\\_Salinas.pdf](http://cedarweb.vsp.ucar.edu/wiki/images/a/ac/2016CEDAR_C OUP-01_Salinas.pdf)

Mesosphere-Lower-Thermosphere

1<sup>st</sup> place

**Vu Nguyen** (University of Colorado, Boulder)

**Title: Interannual Variability of Secondary  
Waves Arising from QTDW-DW1 Interaction**

[http://cedarweb.vsp.ucar.edu/wiki/images/f/f3/2016CEDAR\\_COUP-05\\_Nguyen.pdf](http://cedarweb.vsp.ucar.edu/wiki/images/f/f3/2016CEDAR_COUP-05_Nguyen.pdf)