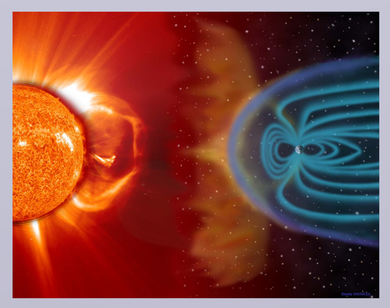
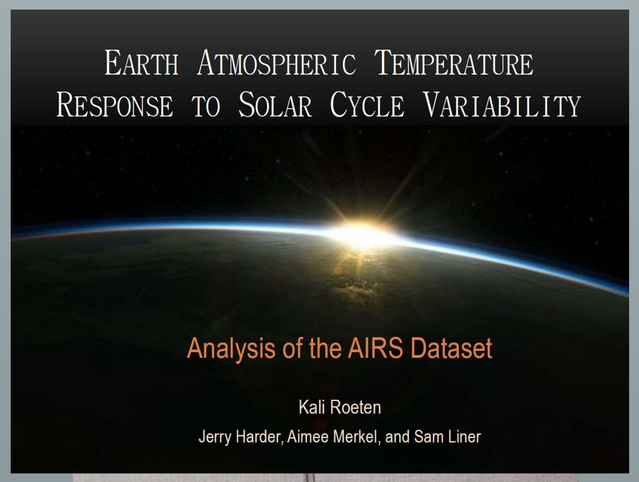
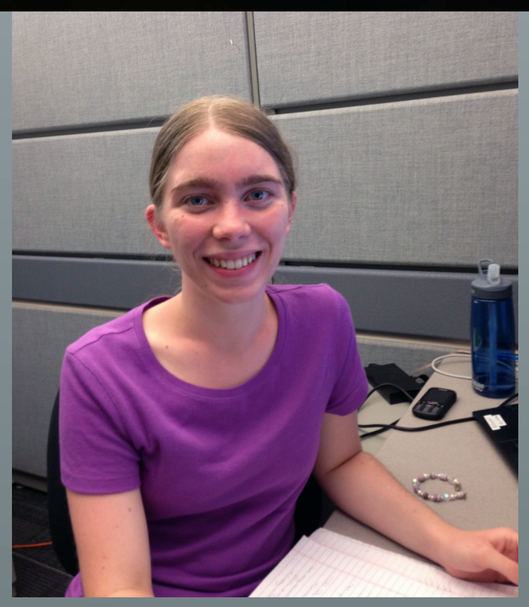
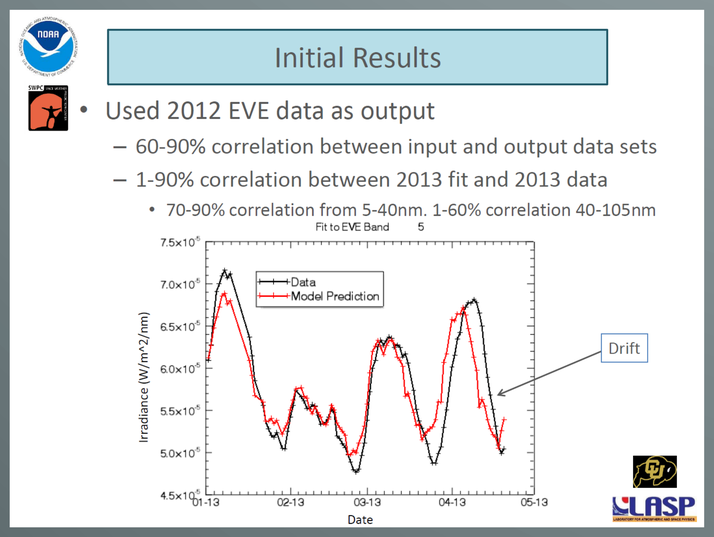
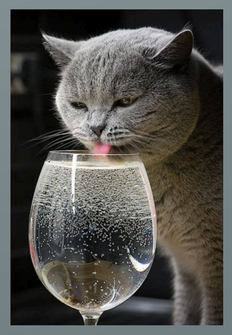
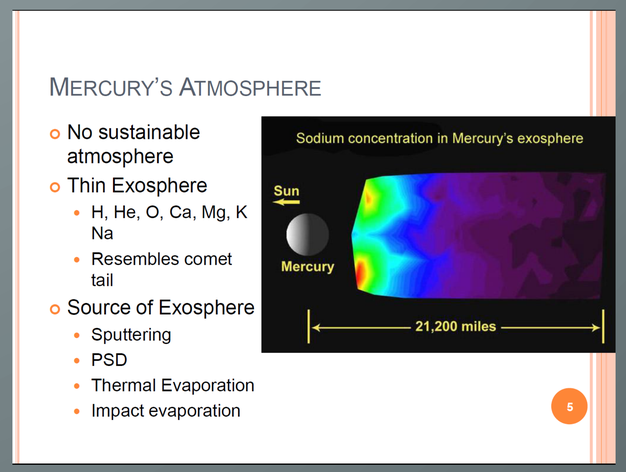
SORCE Undergraduate Research Program

Martin Snow and Erin Wood
Laboratory for Atmospheric and Space Physics/ University of Colorado
snow@lasp.colorado.edu

REU Summer School



The National Science Foundation funds research internships across the country. One such site brings undergraduates to Boulder, Colorado each summer to study Solar and Space Physics. The Solar Radiation and Climate Experiment (SORCE) leverages the resources of the NSF program to fund and additional three students each year. These three students spend the first week learning the basics of solar physics, the Sun-Earth connection, and space weather. They hear lectures on current research and gain hands-on experience in data analysis with the IDL computer language. They also get to learn the fundamentals of instrument design from a LASP engineer.

The third day of the Teacher's Workshop was combined with the first day of the Research Experience for Undergraduates (REU) summer school in Solar and Space Physics. Both groups heard lectures on the fundamentals of the Sun-Earth system and space weather.