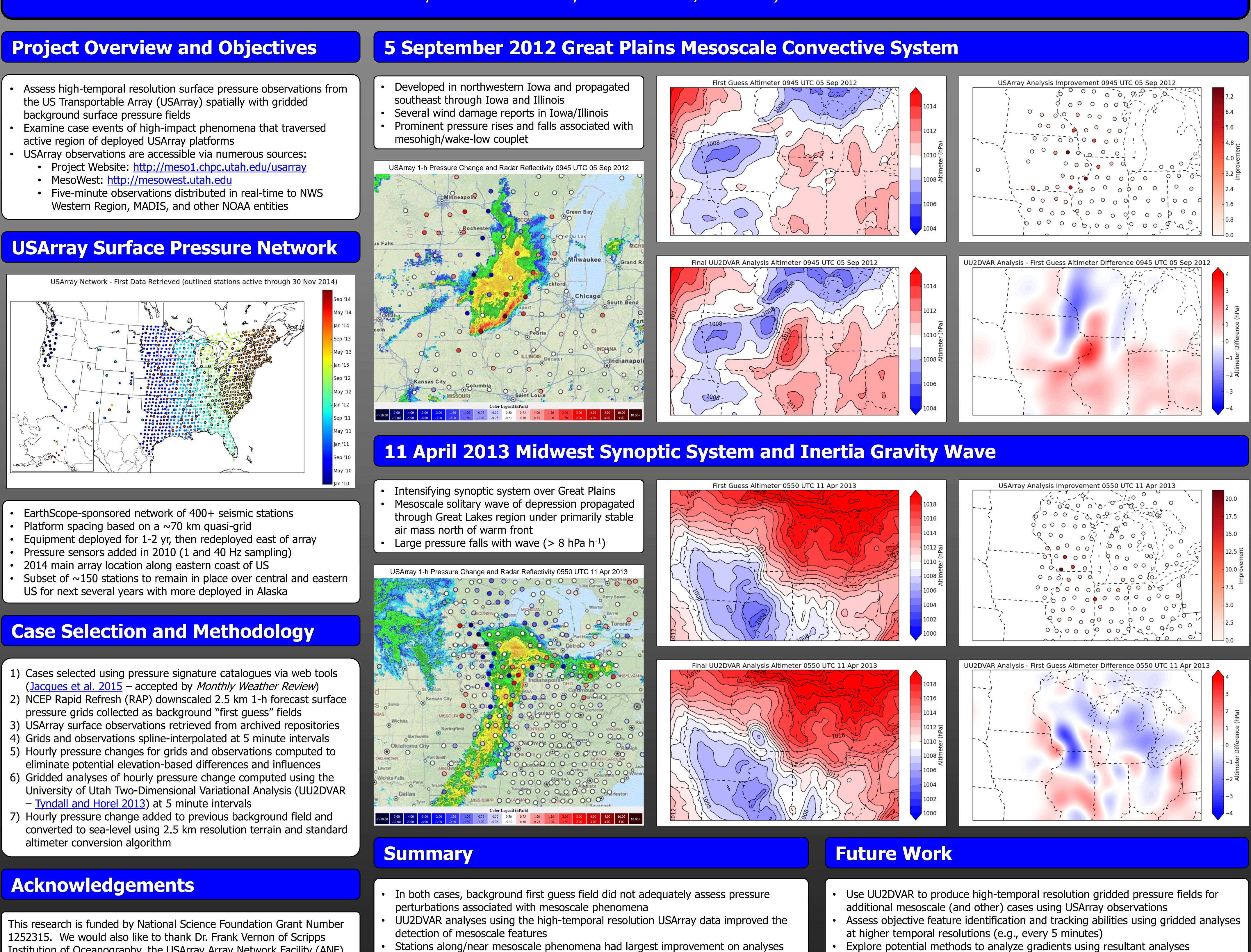


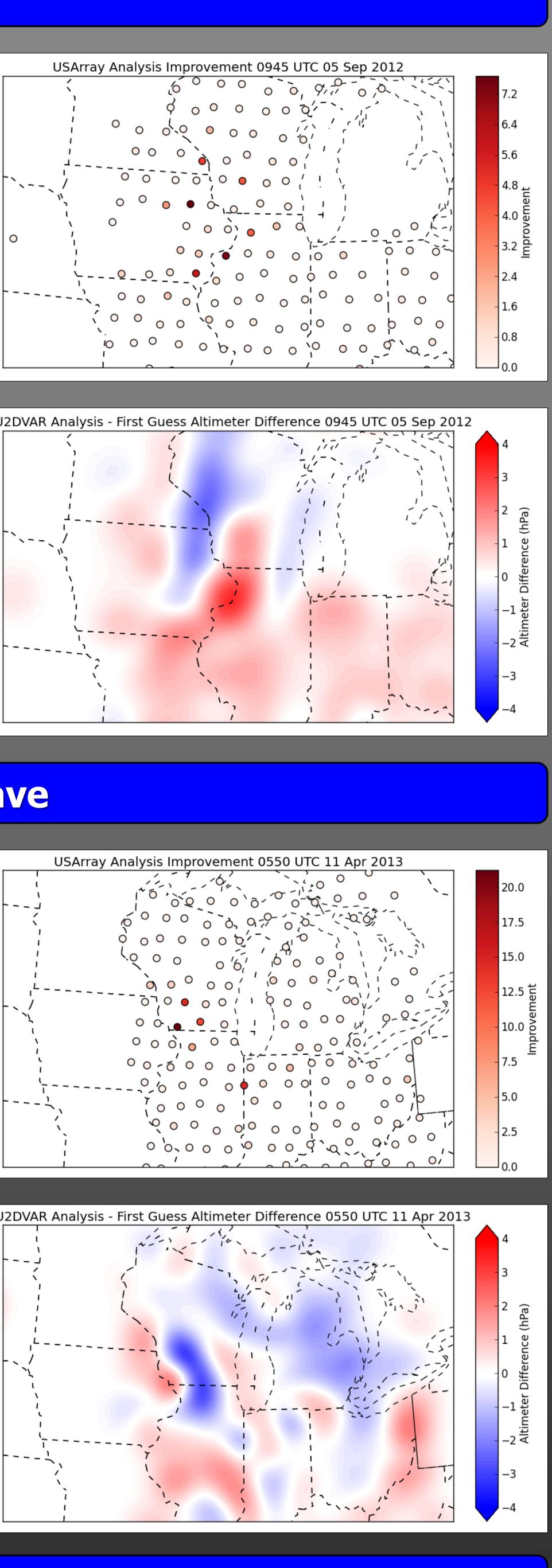
# **Spatial Pressure Perturbation Analyses Utilizing Earthscope's USArray Network** Alexander A. Jacques (alexander.jacques@utah.edu), John D. Horel, and Erik T. Crosman Department of Atmospheric Sciences, University of Utah

- the US Transportable Array (USArray) spatially with gridded
- Examine case events of high-impact phenomena that traversed active region of deployed USArray platforms
  - - Western Region, MADIS, and other NOAA entities



Institution of Oceanography, the USArray Array Network Facility (ANF), and the Incorporated Research Institutions for Seismology (IRIS) for providing access to live data streams for the USArray project.

Five-minute gridded pressure analyses may provide added potential for mesoscale feature tracking (not shown)



- Improve and enhance capabilities for web tools



Continue to collect, analyze, and disseminate USArray observations in real-time