

## **James Pinto**

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Dr. James Pinto is the Science Deputy for the Aviation Application Program within the NCAR Research Applications Laboratory (RAL). He has been a Project Scientist in RAL for 15 years. As a Post-doc at the University of Colorado Dr. Pinto gained valuable mission planning experience for the deployment of small UAS to collect in situ measurements within harsh environments of the Arctic and over tropical oceans. He is currently leading research and development efforts focused on creating a real-time system that can provide ultra-fine resolution weather predictions to support small UAS operations. Dr. Pinto received his PhD in the Program for Atmospheric and Oceanic Sciences from the University of Colorado, a Master's in Atmospheric Science from the Pennsylvania State University and his Bachelor's degree from Cornell University. During his time as a Project Scientist in RAL, Dr. Pinto has led several projects revolving around the short-term prediction of aviation weather hazards. Current efforts include development and technology transfer of a short-term (0-8 hour into the future) storm prediction system called CoSPA that the FAA and stakeholders use to plan air traffic across the National Airspace System.