

# Amber M. Ortega



**Graduate Institution:** University of Colorado

**Location:** Boulder, Colorado

**Graduate Discipline:** Atmospheric Chemistry

**Hometown:** Harrisburg, Pennsylvania

## **Research Interests:**

*Atmospheric chemistry instrumentation and ambient measurements, investigating the interface of air quality and climate change. Specific research interests include secondary organic aerosol formation, environmental chamber experiments, applying laboratory instrumentation to field measurements, and aerosol processing from different source emissions in atmospheric environments.*

## **About me:**

*As a Ph.D. student in the Atmospheric and Oceanic Sciences Department at the University of Colorado at Boulder, I have participated in four field campaigns, including: (1) Campaign for Identifying the Origin of Atmospheric Aerosols in Urban and Rural Environments of Spain (DAURE) in Barcelona and Montsey, Spain during Spring 2009, (2) Study of Houston Atmospheric Radical Precursors (SHARP) in Houston, Texas during Spring 2009, (3) Fire Laboratory at Missoula Experiment (FLAME-3), at the USDA Fire Sciences Laboratory in Missoula, Montana, during Fall 2009 and (4) Research at the Nexus of Air Quality and Climate Change (CalNex-LA), in Pasadena, California during Summer 2010. My thesis focus is investigating formation potential of secondary organic aerosol from different sources and ambient environments using measurements from each of the field projects listed above.*

*Currently, I am the Atmospheric and Oceanic Sciences Department representative to the Cooperative Institute for Research in Environmental Sciences (CIRES) graduate student council. I am a student member of the American Geophysical Union (AGU) and the American Meteorological Society (AMS). While attending Penn State University obtaining my M.S. in Meteorology, I was an active participant in Women in the Sciences and Engineering (WISE) Institute events and graduated from the Ronald E. McNair Post-Baccalaureate Achievement Program (McNair Scholars Program).*

*In my free time I am an avid yoga practitioner and enjoy activities such as biking, hiking, backpacking, gardening, and wine making.*



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