Luz Teresa Padró

General Information

BS (2004) Chemical Engineering, Virginia Tech

Undergraduate Research (Fall 2003 – Spring 2004) with Dr. Kimberly Forsten- Williams

Participated on National Exchange Program

Originally from Puerto Rico

Current Research in Aerosol-Cloud-Climate Interaction

• ***Modeling*** – studied the possibility of solubility enhancements through curvature enhanced solubility.

• ***Laboratory Work*** – study activation properties of inorganic and organic mixtures in order to understand their CCN properties which can then be introduced into GCM aerosol-cloud interaction parametrizations.

• ***Field Work*** – characterize aerosols in polluted regions (Mexico City).

MILAGRO Field Campaign

- Air quality study of Mexico City and surrounding areas (60 institutions from US, Mexico, and other countries)
- Study the effect of pollutants, trace gases, and aerosols in local, regional, and global scales

Mexico City is the second largest city in the world and one of the most polluted!