Monday, August 6
FL Main Seminar Room

9:00 am	**Christopher Williams**: *Poster 1* Modeling and Comparing Simulations to Observations of Photochemical Reactive Gaseous Pollutants Above and Downwind of Mexico City (Danny McKenna; Wendy Abshire; Dennis Ward & Marina LaGrave)
9:20 am	**Anastasia Yanchilina:** *Poster 2* Atmospheric Measurements aboard C-130 during the Pacific Atmospheric Sulfur Experiment (Lee Mauldin; Paul Kucera & Rob Markel; Reta Lorenz)
9:40 am	**Karen Diaz:** *Poster 3* Investigation of the Global Atmospheric Oxidation Chemistry by Ozone – Non-methane Hydrocarbon Correlation Analysis (Detlev Helmig, Bryan Johnson & Michael E. Trudeau; Pete Henderson)
10:00 am	**Lumari Pardo**: *Poster 4* Oxygen-18 Isotopes in Atmospheric Carbon Dioxide and Meteorological Data from two Bermuda Sites: Implications for Biosphere-Atmosphere Interactions (Jim White & Bruce Vaughn; Brian Bevirt; Annette Lampert, Tina Arthur & Karen Smith-Herman)
Break	
10:40 am	**Luna Rodriguez**: *Poster 5* Rockle T&D Model Sensitivity to Input Winds (Paul Bieringer & Tom Warner; Nicole Gordon)
11:00 am	**Shanna Shaye Forbes**: *Poster 6* Implementing a C++ Interface for netCDF-4 (Ed Hartnett; Rich Loft)
11:20 am	**Marcus Waldman**: *Poster 7* An Application of the Discontinuous Galerkin Method to Model Advection on a Sphere (Siddhartha Ghosh; Jeff Yin; Doug Wesley)
Lunch Break	

Monday, August 6
FL Main Seminar Room

1:00 pm	**Theresa Aguilar**: *Poster 8* Characterization of Selected Boundary Layer Convergence Zones as Observed in IHOP (2002) and REFRACTT (2006) (Tammy Weckwerth & Cathy Kessinger; Bob Henson)
1:20 pm	**Cecille Villanueva**: *Poster 9* Using GPS Radio Occultation Soundings to Study Mesoscale Convective Systems (Bill Schreiner; Tamara Rogers; Hanne Mauriello)
1:40 pm	**Michael Hernandez**: *Poster 10* Utilizing Cosmic Radio Occultation Soundings to Estimate Convective Potentials over Oceans. (Bill Kuo; Rachel Hauser)
Break	
2:20 pm	**Alex Gonzalez**: *Poster 11* Modeling Heat-induced Large Scale Tropical Circulation. (Nedjelka Zagar & Wayne Schubert; Tim Barnes & Lesley Smith; Andrea Sealy)
2:40 pm	**Kimberly Trent**: *Poster 12* Simulation of Hurricane-Ocean Interaction for Hurricane Katrina: Difference between Coupling WRF with a 1-D and 3-D Ocean Model (Greg Holland & Rich Rotunno; Catherine Shea)
3:00 pm	**Zi Zi Searles:** *Poster 13* Modeling Emissions Pathways for Specified Atmospheric CO2 Stabilization Scenarios using a Simple Earth-systems-model of the Climate-carbon Cycle. (Peter Thornton, Scott Denning & Sherri Heck; Vickie Johnson; Ilana Pollack)

MENTORS ARE LISTED
IN THE FOLLOWING ORDER:
Science Research; Writing and Communication;
Community; and Peer.

Tuesday, August 7
FL2 Main Seminar Room

9:00 am	**Cynthia Boshell**: *Poster 14* Plate Kinematics and Mechanisms: a Perspective on the April 2006 Major Russian Earthquake (Harley Benz; Fran Boler; Susan Eriksson)
9:20 am	**Emanuelle Feliciano Bonilla**: *Poster 15* Historical Seismicity Of The Northeastern Region Of Russia: a Perspective on the M7.6 Earthquake in Koryakia, Russia (Harley Benz; Shelley Olds; Joe Pettit)
9:40 am	**Lennox Thompson**: *Poster 16* Displacement Modeling of a Volcanic Magma Chamber (Peter Cervelli; Dave Phillips)
Break	
10:20 am	**Miriam Garcia**: *Poster 17* Field Methods in Volcanology: USGS Hawaii Volcano Observatory (HVO), Center for the Study of Active Volcanoes (CSAV) (Tim Orr; Susan Eriksson)
10:40 am	**Ezer Patlan**: *Poster 18* Development of a Power and Communication System for Remote Autonomous GPS and Seismic Stations in Antarctica (Seth White; Will Prescott; Matt Beldyk)
11:00 am	**Katherine Fornash**: *Poster 19* Trends in Insect-plant Interactions through the Cenozoic (Dena Smith; Freddie Blume; Marianne Okal)
11:20 am	**Mack Jones**: *Poster 20* The Daily Cycle of Winds at Estacion Obispo, Mexico during the North American Monsoon. (Leslie Hartten; Sarah Tessendorf; Jeff Weber)
Lunch Break	

Tuesday, August 7
FL2 Main Seminar Room

1:30 pm	**Alisha Fernandez**: *Poster 21* Climate influences on Harmful Algal Blooms (HABs) in Sequim Bay, Washington State (Vera Trainer; Travis Metcalfe)
1:50 pm	**Marcus Walter**: *Poster 22* Interpretation of Return Levels Under a Changing Climate (Rick Katz & Barbra Brown; Emily Laidlaw; Sandra Henderson)
2:10 pm	**Armand Silva**: *Poster 23* Effects of Land Cover Characteristics on Urban Hydrological Systems- an Analysis for the Colorado Front Range (David Gochis; Dick Valent)
Break	
2:50 pm	**Nicole Ngo**: *Poster 24* The Effects of Purchasing Carbon Offsets on Net Household Carbon Emissions (Nicholas Flores; Mary Golden)
3:10 pm	**Douglas Gavin**: *Poster 25* Floods and the Built Environment (Bruce Muller & Joe Lamos; Kelley Barsanti)
3:30 pm	**Ian Colon Pagan**: *Poster 26* Hurricanes & Tropical Storms Impacts over the South Florida Metropolitan Area: Mortality and Government (Mary Hayden & Mercy Borbor-Cordova; Kyle Mumford; Terri Eastburn)

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Protégé Colloquium
FL2 Main Seminar Room
August 6 – 7, 2007
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Poster Presentations
Center Green Auditorium
August 9, 2007
3:00 pm

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